

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

 Lüftung  
Ventilation

| DE                                                                                                                            | Produkt                         | Symbol | VITOVENT 300-W                |               | Produkt                                   | Symbol | VITOVENT 300-W     |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------|-------------------------------|---------------|-------------------------------------------|--------|--------------------|
| Spezifischer Energieverbrauch (SEV) & SEV-Klasse                                                                              |                                 |        |                               |               | Jährlicher Stromverbrauch (JSV)           |        |                    |
| <b>Durchschnittliches Klima</b>                                                                                               |                                 |        |                               |               | <b>Durchschnittliches Klima</b>           |        |                    |
|                                                                                                                               | Handsteuerung                   |        |                               |               | Handsteuerung                             |        |                    |
|                                                                                                                               | Zeitsteuerung                   |        | A                             | -42 kWh/(m²a) | Zeitsteuerung                             |        | 215 kWh/(100 m²a)  |
|                                                                                                                               | Zentrale Bedarfssteuerung       |        | A+                            | -43 kWh/(m²a) | Zentrale Bedarfssteuerung                 |        | 181 kWh/(100 m²a)  |
|                                                                                                                               | Steuerung nach örtlichem Bedarf |        | A+                            | -45 kWh/(m²a) | Steuerung nach örtlichem Bedarf           |        | 124 kWh/(100 m²a)  |
| <b>Kaltes Klima</b>                                                                                                           |                                 |        |                               |               | <b>Kaltes Klima</b>                       |        |                    |
|                                                                                                                               | Handsteuerung                   |        |                               |               | Handsteuerung                             |        |                    |
|                                                                                                                               | Zeitsteuerung                   |        |                               | -80 kWh/(m²a) | Zeitsteuerung                             |        | 752 kWh/(100 m²a)  |
|                                                                                                                               | Zentrale Bedarfssteuerung       |        |                               | -82 kWh/(m²a) | Zentrale Bedarfssteuerung                 |        | 718 kWh/(100 m²a)  |
|                                                                                                                               | Steuerung nach örtlichem Bedarf |        |                               | -84 kWh/(m²a) | Steuerung nach örtlichem Bedarf           |        | 661 kWh/(100 m²a)  |
| <b>Warmes Klima</b>                                                                                                           |                                 |        |                               |               | <b>Warmes Klima</b>                       |        |                    |
|                                                                                                                               | Handsteuerung                   |        |                               |               | Handsteuerung                             |        |                    |
|                                                                                                                               | Zeitsteuerung                   |        |                               | -17 kWh/(m²a) | Zeitsteuerung                             |        | 170 kWh/(100 m²a)  |
|                                                                                                                               | Zentrale Bedarfssteuerung       |        |                               | -18 kWh/(m²a) | Zentrale Bedarfssteuerung                 |        | 136 kWh/(100 m²a)  |
|                                                                                                                               | Steuerung nach örtlichem Bedarf |        |                               | -19 kWh/(m²a) | Steuerung nach örtlichem Bedarf           |        | 79 kWh/(100 m²a)   |
| Allgemeine Typologie                                                                                                          |                                 |        | Zwei-Richtung-Lüftungsgerät   |               | Jährliche Einsparung an Heizenergie (JEH) |        |                    |
| Motor und Antrieb                                                                                                             |                                 |        | regelbare Drehzahl            |               | <b>Durchschnittliches Klima</b>           |        |                    |
| Wärmerückgewinnungssystem                                                                                                     |                                 |        | rekuperativ                   |               | Handsteuerung                             |        |                    |
| Temperaturänderungsgrad der WRG                                                                                               |                                 |        | 91 %                          |               | Zeitsteuerung                             |        | 4628 kWh/(100 m²a) |
| Höchster Luftvolumenstrom                                                                                                     |                                 |        | 325 m³/h                      |               | Zentrale Bedarfssteuerung                 |        | 4657 kWh/(100 m²a) |
| Effektive Eingangsleistung bei höchstem Luftvolumenstrom                                                                      |                                 |        | 145 W                         |               | Steuerung nach örtlichem Bedarf           |        | 4714 kWh/(100 m²a) |
| Schalleistungspegel L <sub>WA</sub>                                                                                           |                                 |        | 41 dB                         |               | <b>Kaltes Klima</b>                       |        |                    |
| Bezugs-Luftvolumenstrom                                                                                                       |                                 |        | 0.063 m³/s                    |               | Handsteuerung                             |        |                    |
| Bezugsdruckdifferenz                                                                                                          |                                 |        | 50 Pa                         |               | Zeitsteuerung                             |        | 9054 kWh/(100 m²a) |
| Spezifische Eingangsleistung (SEL)                                                                                            |                                 |        | 0.15 W/m³/h                   |               | Zentrale Bedarfssteuerung                 |        | 9110 kWh/(100 m²a) |
| <b>Steuerungsfaktor</b>                                                                                                       |                                 |        |                               |               | Steuerung nach örtlichem Bedarf           |        | 9222 kWh/(100 m²a) |
|                                                                                                                               | Handsteuerung                   |        |                               |               | <b>Warmes Klima</b>                       |        |                    |
|                                                                                                                               | Zeitsteuerung                   |        | 0.95                          |               | Handsteuerung                             |        |                    |
|                                                                                                                               | Zentrale Bedarfssteuerung       |        | 0.85                          |               | Zeitsteuerung                             |        | 2093 kWh/(100 m²a) |
|                                                                                                                               | Steuerung nach örtlichem Bedarf |        | 0.65                          |               | Zentrale Bedarfssteuerung                 |        | 2106 kWh/(100 m²a) |
| Maximale innere Leckluftquote                                                                                                 |                                 |        | 2.85 %                        |               | Steuerung nach örtlichem Bedarf           |        | 2132 kWh/(100 m²a) |
| Maximale externe Leckluftquote                                                                                                |                                 |        | 2.85 %                        |               |                                           |        |                    |
| Übertragung                                                                                                                   |                                 |        |                               |               |                                           |        |                    |
| externe Leckluftquote                                                                                                         |                                 |        |                               |               |                                           |        |                    |
| Mischquote                                                                                                                    |                                 |        |                               |               |                                           |        |                    |
| Lage und Beschreibung der Filterwarnung:                                                                                      |                                 |        |                               |               |                                           |        |                    |
| An der Bedieneinheit des Lüftungsgeräts wird eine visuelle Warnmeldung mit dem Hinweis "FIL" oder "Filterwechsel" ausgegeben. |                                 |        |                               |               |                                           |        |                    |
| Ein regelmäßiger Filterwechsel ist wichtig für die Langlebigkeit und Hygiene Ihrer Lüftungsanlage.                            |                                 |        |                               |               |                                           |        |                    |
| Hinweis (Außenluft-/Abluftgitter)                                                                                             |                                 |        |                               |               |                                           |        |                    |
| Anweisungen zur Vormontage/Zerlegung                                                                                          |                                 |        | www.viessmann.de/vitavent-erp |               |                                           |        |                    |
| Druckschwankungsempfindlichkeit                                                                                               |                                 |        |                               |               |                                           |        |                    |
| Luftdichtheit zwischen innen und außen                                                                                        |                                 |        |                               |               |                                           |        |                    |



**VITOVENT 300-W**
**Produktdatenblatt Energieeffizienzklasse**

Product datasheet, energy efficiency category

 Lüftung  
Ventilation

| UK                                                                                                                        | Product | Symbol    | VITOVENT 300-W                                                                   |                                 | Product                                    | Symbol | VITOVENT 300-W                       |
|---------------------------------------------------------------------------------------------------------------------------|---------|-----------|----------------------------------------------------------------------------------|---------------------------------|--------------------------------------------|--------|--------------------------------------|
| <b>Specific energy consumption (SEC) &amp; SEC class</b>                                                                  |         |           |                                                                                  |                                 | <b>Annual power consumption (APC)</b>      |        |                                      |
| <b>Average climate</b>                                                                                                    |         |           |                                                                                  |                                 | <b>Average climate</b>                     |        |                                      |
| Manual control                                                                                                            |         |           |                                                                                  |                                 | Manual control                             |        |                                      |
| Time control                                                                                                              |         | <b>A</b>  |                                                                                  | <b>-42 kWh/(m<sup>2</sup>a)</b> | Time control                               |        | <b>215 kWh/(100 m<sup>2</sup>a)</b>  |
| Central demand control                                                                                                    |         | <b>A+</b> |                                                                                  | <b>-43 kWh/(m<sup>2</sup>a)</b> | Central demand control                     |        | <b>181 kWh/(100 m<sup>2</sup>a)</b>  |
| Control according to local demand                                                                                         |         | <b>A+</b> |                                                                                  | <b>-45 kWh/(m<sup>2</sup>a)</b> | Control according to local demand          |        | <b>124 kWh/(100 m<sup>2</sup>a)</b>  |
| <b>Cold climate</b>                                                                                                       |         |           |                                                                                  |                                 | <b>Cold climate</b>                        |        |                                      |
| Manual control                                                                                                            |         |           |                                                                                  |                                 | Manual control                             |        |                                      |
| Time control                                                                                                              |         |           |                                                                                  | <b>-80 kWh/(m<sup>2</sup>a)</b> | Time control                               |        | <b>752 kWh/(100 m<sup>2</sup>a)</b>  |
| Central demand control                                                                                                    |         |           |                                                                                  | <b>-82 kWh/(m<sup>2</sup>a)</b> | Central demand control                     |        | <b>718 kWh/(100 m<sup>2</sup>a)</b>  |
| Control according to local demand                                                                                         |         |           |                                                                                  | <b>-84 kWh/(m<sup>2</sup>a)</b> | Control according to local demand          |        | <b>661 kWh/(100 m<sup>2</sup>a)</b>  |
| <b>Warm climate</b>                                                                                                       |         |           |                                                                                  |                                 | <b>Warm climate</b>                        |        |                                      |
| Manual control                                                                                                            |         |           |                                                                                  |                                 | Manual control                             |        |                                      |
| Time control                                                                                                              |         |           |                                                                                  | <b>-17 kWh/(m<sup>2</sup>a)</b> | Time control                               |        | <b>170 kWh/(100 m<sup>2</sup>a)</b>  |
| Central demand control                                                                                                    |         |           |                                                                                  | <b>-18 kWh/(m<sup>2</sup>a)</b> | Central demand control                     |        | <b>136 kWh/(100 m<sup>2</sup>a)</b>  |
| Control according to local demand                                                                                         |         |           |                                                                                  | <b>-19 kWh/(m<sup>2</sup>a)</b> | Control according to local demand          |        | <b>79 kWh/(100 m<sup>2</sup>a)</b>   |
| General typology                                                                                                          |         |           | <b>bidirectional ventilation unit</b>                                            |                                 | <b>Annual heating energy saving (AHES)</b> |        |                                      |
| Motor and drive                                                                                                           |         |           | <b>variable speed</b>                                                            |                                 | <b>Average climate</b>                     |        |                                      |
| Heat recovery system                                                                                                      |         |           | <b>recuperative</b>                                                              |                                 | Manual control                             |        |                                      |
| Rate of temperature change for HR                                                                                         |         |           | <b>91 %</b>                                                                      |                                 | Time control                               |        | <b>4628 kWh/(100 m<sup>2</sup>a)</b> |
| Maximum air flow rate                                                                                                     |         |           | <b>325 m<sup>3</sup>/h</b>                                                       |                                 | Central demand control                     |        | <b>4657 kWh/(100 m<sup>2</sup>a)</b> |
| Effective power input at maximum air flow rate                                                                            |         |           | <b>145 W</b>                                                                     |                                 | Control according to local demand          |        | <b>4714 kWh/(100 m<sup>2</sup>a)</b> |
| Sound power level L <sub>WA</sub>                                                                                         |         |           | <b>41 dB</b>                                                                     |                                 | <b>Cold climate</b>                        |        |                                      |
| Reference air flow rate                                                                                                   |         |           | <b>0.063 m<sup>3</sup>/s</b>                                                     |                                 | Manual control                             |        |                                      |
| Reference pressure differential                                                                                           |         |           | <b>50 Pa</b>                                                                     |                                 | Time control                               |        | <b>9054 kWh/(100 m<sup>2</sup>a)</b> |
| Specific power input (SPI)                                                                                                |         |           | <b>0.15 W/m<sup>3</sup>/h</b>                                                    |                                 | Central demand control                     |        | <b>9110 kWh/(100 m<sup>2</sup>a)</b> |
| <b>Control factor</b>                                                                                                     |         |           |                                                                                  |                                 | Control according to local demand          |        | <b>9222 kWh/(100 m<sup>2</sup>a)</b> |
| Manual control                                                                                                            |         |           |                                                                                  |                                 | <b>Warm climate</b>                        |        |                                      |
| Time control                                                                                                              |         |           | <b>0.95</b>                                                                      |                                 | Manual control                             |        |                                      |
| Central demand control                                                                                                    |         |           | <b>0.85</b>                                                                      |                                 | Time control                               |        | <b>2093 kWh/(100 m<sup>2</sup>a)</b> |
| Control according to local demand                                                                                         |         |           | <b>0.65</b>                                                                      |                                 | Central demand control                     |        | <b>2106 kWh/(100 m<sup>2</sup>a)</b> |
| Maximum internal leakage air rate                                                                                         |         |           | <b>2.85 %</b>                                                                    |                                 | Control according to local demand          |        | <b>2132 kWh/(100 m<sup>2</sup>a)</b> |
| Maximum external leakage air rate                                                                                         |         |           | <b>2.85 %</b>                                                                    |                                 |                                            |        |                                      |
| Transfer                                                                                                                  |         |           |                                                                                  |                                 |                                            |        |                                      |
| External leakage air rate                                                                                                 |         |           |                                                                                  |                                 |                                            |        |                                      |
| Mixing rate                                                                                                               |         |           |                                                                                  |                                 |                                            |        |                                      |
| Location and description of filter warning:                                                                               |         |           |                                                                                  |                                 |                                            |        |                                      |
| On the programming unit of the ventilation unit, a warning message is shown with the indication "FIL" or "filter change". |         |           |                                                                                  |                                 |                                            |        |                                      |
| A regular filter change is important for ensuring the hygiene and long service life of your ventilation system.           |         |           |                                                                                  |                                 |                                            |        |                                      |
| Note (outdoor air/extract air grille)                                                                                     |         |           |                                                                                  |                                 |                                            |        |                                      |
| Instructions on pre-installation/dismantling                                                                              |         |           | <a href="http://www.viessmann.de/vitavent-erp">www.viessmann.de/vitavent-erp</a> |                                 |                                            |        |                                      |
| Sensitivity to pressure variation                                                                                         |         |           |                                                                                  |                                 |                                            |        |                                      |
| Air tightness between indoors and outdoors                                                                                |         |           |                                                                                  |                                 |                                            |        |                                      |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

 Lüftung  
Ventilation

| AT                                                                                                                            | Produkt                                                                             | Symbol | VITOVENT 300-W                 |  | Produkt                                   | Symbol                                                                                | VITOVENT 300-W     |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------|--|-------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
| Spezifischer Energieverbrauch (SEV) & SEV-Klasse                                                                              |                                                                                     |        |                                |  | Jährlicher Stromverbrauch (JSV)           |                                                                                       |                    |
| <b>Durchschnittliches Klima</b>                                                                                               |                                                                                     |        |                                |  | <b>Durchschnittliches Klima</b>           |                                                                                       |                    |
| Handsteuerung                                                                                                                 |    |        |                                |  | Handsteuerung                             |    |                    |
| Zeitsteuerung                                                                                                                 |    | A      | -42 kWh/(m²a)                  |  | Zeitsteuerung                             |    | 215 kWh/(100 m²a)  |
| Zentrale Bedarfssteuerung                                                                                                     |    | A+     | -43 kWh/(m²a)                  |  | Zentrale Bedarfssteuerung                 |    | 181 kWh/(100 m²a)  |
| Steuerung nach örtlichem Bedarf                                                                                               |    | A+     | -45 kWh/(m²a)                  |  | Steuerung nach örtlichem Bedarf           |    | 124 kWh/(100 m²a)  |
| <b>Kaltes Klima</b>                                                                                                           |                                                                                     |        |                                |  | <b>Kaltes Klima</b>                       |                                                                                       |                    |
| Handsteuerung                                                                                                                 |    |        |                                |  | Handsteuerung                             |    |                    |
| Zeitsteuerung                                                                                                                 |    |        | -80 kWh/(m²a)                  |  | Zeitsteuerung                             |    | 752 kWh/(100 m²a)  |
| Zentrale Bedarfssteuerung                                                                                                     |    |        | -82 kWh/(m²a)                  |  | Zentrale Bedarfssteuerung                 |    | 718 kWh/(100 m²a)  |
| Steuerung nach örtlichem Bedarf                                                                                               |    |        | -84 kWh/(m²a)                  |  | Steuerung nach örtlichem Bedarf           |    | 661 kWh/(100 m²a)  |
| <b>Warmes Klima</b>                                                                                                           |                                                                                     |        |                                |  | <b>Warmes Klima</b>                       |                                                                                       |                    |
| Handsteuerung                                                                                                                 |    |        |                                |  | Handsteuerung                             |    |                    |
| Zeitsteuerung                                                                                                                 |    |        | -17 kWh/(m²a)                  |  | Zeitsteuerung                             |    | 170 kWh/(100 m²a)  |
| Zentrale Bedarfssteuerung                                                                                                     |    |        | -18 kWh/(m²a)                  |  | Zentrale Bedarfssteuerung                 |    | 136 kWh/(100 m²a)  |
| Steuerung nach örtlichem Bedarf                                                                                               |    |        | -19 kWh/(m²a)                  |  | Steuerung nach örtlichem Bedarf           |    | 79 kWh/(100 m²a)   |
| Allgemeine Typologie                                                                                                          |                                                                                     |        | bidirectional ventilation unit |  | Jährliche Einsparung an Heizenergie (JEH) |                                                                                       |                    |
| Motor und Antrieb                                                                                                             |                                                                                     |        | variable speed                 |  | <b>Durchschnittliches Klima</b>           |                                                                                       |                    |
| Wärmerückgewinnungssystem                                                                                                     |                                                                                     |        | recuperative                   |  | Handsteuerung                             |    |                    |
| Temperaturänderungsgrad der WRG                                                                                               |                                                                                     |        | 91 %                           |  | Zeitsteuerung                             |    | 4628 kWh/(100 m²a) |
| Höchster Luftvolumenstrom                                                                                                     |                                                                                     |        | 325 m³/h                       |  | Zentrale Bedarfssteuerung                 |    | 4657 kWh/(100 m²a) |
| Effektive Eingangsleistung bei höchstem Luftvolumenstrom                                                                      |                                                                                     |        | 145 W                          |  | Steuerung nach örtlichem Bedarf           |    | 4714 kWh/(100 m²a) |
| Schalleistungspegel L <sub>WA</sub>                                                                                           |                                                                                     |        | 41 dB                          |  | <b>Kaltes Klima</b>                       |                                                                                       |                    |
| Bezugs-Luftvolumenstrom                                                                                                       |                                                                                     |        | 0.063 m³/s                     |  | Handsteuerung                             |    |                    |
| Bezugsdruckdifferenz                                                                                                          |                                                                                     |        | 50 Pa                          |  | Zeitsteuerung                             |    | 9054 kWh/(100 m²a) |
| Spezifische Eingangsleistung (SEL)                                                                                            |                                                                                     |        | 0.15 W/m³/h                    |  | Zentrale Bedarfssteuerung                 |    | 9110 kWh/(100 m²a) |
| <b>Steuerungsfaktor</b>                                                                                                       |                                                                                     |        |                                |  | Steuerung nach örtlichem Bedarf           |    | 9222 kWh/(100 m²a) |
| Handsteuerung                                                                                                                 |   |        |                                |  | <b>Warmes Klima</b>                       |                                                                                       |                    |
| Zeitsteuerung                                                                                                                 |  | 0.95   |                                |  | Handsteuerung                             |  |                    |
| Zentrale Bedarfssteuerung                                                                                                     |  | 0.85   |                                |  | Zeitsteuerung                             |  | 2093 kWh/(100 m²a) |
| Steuerung nach örtlichem Bedarf                                                                                               |  | 0.65   |                                |  | Zentrale Bedarfssteuerung                 |  | 2106 kWh/(100 m²a) |
| Maximale innere Leckluftquote                                                                                                 |                                                                                     |        | 2.85 %                         |  | Steuerung nach örtlichem Bedarf           |  | 2132 kWh/(100 m²a) |
| Maximale externe Leckluftquote                                                                                                |                                                                                     |        | 2.85 %                         |  |                                           |                                                                                       |                    |
| Übertragung                                                                                                                   |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| externe Leckluftquote                                                                                                         |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Mischquote                                                                                                                    |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Lage und Beschreibung der Filterwarnung:                                                                                      |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| An der Bedieneinheit des Lüftungsgeräts wird eine visuelle Warnmeldung mit dem Hinweis "FIL" oder "Filterwechsel" ausgegeben. |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Ein regelmäßiger Filterwechsel ist wichtig für die Langlebigkeit und Hygiene Ihrer Lüftungsanlage.                            |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Hinweis (Außenluft-/Abluftgitter)                                                                                             |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Anweisungen zur Vormontage/Zerlegung                                                                                          |                                                                                     |        | www.viessmann.de/vitavent-erp  |  |                                           |                                                                                       |                    |
| Druckschwankungsempfindlichkeit                                                                                               |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Luftdichtheit zwischen innen und außen                                                                                        |                                                                                     |        |                                |  |                                           |                                                                                       |                    |

**VITOVENT 300-W**
**Produktdatenblatt Energieeffizienzklasse**

Product datasheet, energy efficiency category

 Lüftung  
Ventilation

| BE<br>FR                                                                                                                                 | Produit                                      | Symbole | VITOVENT 300-W                        |                       | Produit                                          | Symbole | VITOVENT 300-W             |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------|---------------------------------------|-----------------------|--------------------------------------------------|---------|----------------------------|
| <b>Consommation d'énergie spécifique (SEC) &amp; classe de SEC</b>                                                                       |                                              |         |                                       |                       | <b>Consommation d'électricité annuelle (CEA)</b> |         |                            |
| <b><i>Climat moyen</i></b>                                                                                                               |                                              |         |                                       |                       | <b><i>Climat moyen</i></b>                       |         |                            |
|                                                                                                                                          | Commande manuelle                            |         |                                       |                       |                                                  |         |                            |
|                                                                                                                                          | Commande temporisée                          |         | <b>A</b>                              | <b>-42 kWh/(m²·a)</b> |                                                  |         | <b>215 kWh/(100 m²·a)</b>  |
|                                                                                                                                          | Commande centralisée en fonction des besoins |         | <b>A+</b>                             | <b>-43 kWh/(m²·a)</b> |                                                  |         | <b>181 kWh/(100 m²·a)</b>  |
|                                                                                                                                          | Commande selon les besoins locaux            |         | <b>A+</b>                             | <b>-45 kWh/(m²·a)</b> |                                                  |         | <b>124 kWh/(100 m²·a)</b>  |
| <b><i>Climat froid</i></b>                                                                                                               |                                              |         |                                       |                       | <b><i>Climat froid</i></b>                       |         |                            |
|                                                                                                                                          | Commande manuelle                            |         |                                       |                       |                                                  |         |                            |
|                                                                                                                                          | Commande temporisée                          |         |                                       | <b>-80 kWh/(m²·a)</b> |                                                  |         | <b>752 kWh/(100 m²·a)</b>  |
|                                                                                                                                          | Commande centralisée en fonction des besoins |         |                                       | <b>-82 kWh/(m²·a)</b> |                                                  |         | <b>718 kWh/(100 m²·a)</b>  |
|                                                                                                                                          | Commande selon les besoins locaux            |         |                                       | <b>-84 kWh/(m²·a)</b> |                                                  |         | <b>661 kWh/(100 m²·a)</b>  |
| <b><i>Climat chaud</i></b>                                                                                                               |                                              |         |                                       |                       | <b><i>Climat chaud</i></b>                       |         |                            |
|                                                                                                                                          | Commande manuelle                            |         |                                       |                       |                                                  |         |                            |
|                                                                                                                                          | Commande temporisée                          |         |                                       | <b>-17 kWh/(m²·a)</b> |                                                  |         | <b>170 kWh/(100 m²·a)</b>  |
|                                                                                                                                          | Commande centralisée en fonction des besoins |         |                                       | <b>-18 kWh/(m²·a)</b> |                                                  |         | <b>136 kWh/(100 m²·a)</b>  |
|                                                                                                                                          | Commande selon les besoins locaux            |         |                                       | <b>-19 kWh/(m²·a)</b> |                                                  |         | <b>79 kWh/(100 m²·a)</b>   |
| Typologie générale                                                                                                                       |                                              |         | <b>bidirectional ventilation unit</b> |                       | <b>Economie annuelle de chauffage (EAC)</b>      |         |                            |
| Moteur et entraînement                                                                                                                   |                                              |         | <b>variable speed</b>                 |                       | <b><i>Climat moyen</i></b>                       |         |                            |
| Systèmes de récupération de chaleur                                                                                                      |                                              |         | <b>recuperative</b>                   |                       |                                                  |         |                            |
| Degré de changement de température de la récupération de chaleur                                                                         |                                              |         | <b>91 %</b>                           |                       |                                                  |         | <b>4628 kWh/(100 m²·a)</b> |
| Débit volumique maximal de l'air                                                                                                         |                                              |         | <b>325 m³/h</b>                       |                       |                                                  |         | <b>4657 kWh/(100 m²·a)</b> |
| Puissance absorbée effective au débit volumique maximal de l'air                                                                         |                                              |         | <b>145 W</b>                          |                       |                                                  |         | <b>4714 kWh/(100 m²·a)</b> |
| Niveau de puissance acoustique L <sub>WA</sub>                                                                                           |                                              |         | <b>41 dB</b>                          |                       | <b><i>Climat froid</i></b>                       |         |                            |
| Débit volumique de l'air de référence                                                                                                    |                                              |         | <b>0.063 m³/s</b>                     |                       |                                                  |         |                            |
| Différentiel de pression de référence                                                                                                    |                                              |         | <b>50 Pa</b>                          |                       |                                                  |         | <b>9054 kWh/(100 m²·a)</b> |
| Puissance absorbée spécifique (SPI)                                                                                                      |                                              |         | <b>0.15 W/m³/h</b>                    |                       |                                                  |         | <b>9110 kWh/(100 m²·a)</b> |
| <b><i>Facteur de commande</i></b>                                                                                                        |                                              |         |                                       |                       |                                                  |         | <b>9222 kWh/(100 m²·a)</b> |
|                                                                                                                                          | Commande manuelle                            |         |                                       |                       | <b><i>Climat chaud</i></b>                       |         |                            |
|                                                                                                                                          | Commande temporisée                          |         | <b>0.95</b>                           |                       |                                                  |         |                            |
|                                                                                                                                          | Commande centralisée en fonction des besoins |         | <b>0.85</b>                           |                       |                                                  |         | <b>2093 kWh/(100 m²·a)</b> |
|                                                                                                                                          | Commande selon les besoins locaux            |         | <b>0.65</b>                           |                       |                                                  |         | <b>2106 kWh/(100 m²·a)</b> |
| Taux maximal de fuites internes                                                                                                          |                                              |         | <b>2.85 %</b>                         |                       |                                                  |         | <b>2132 kWh/(100 m²·a)</b> |
| Taux maximal de fuites externes                                                                                                          |                                              |         | <b>2.85 %</b>                         |                       |                                                  |         |                            |
| Transmission                                                                                                                             |                                              |         |                                       |                       |                                                  |         |                            |
| Taux de fuites externes                                                                                                                  |                                              |         |                                       |                       |                                                  |         |                            |
| Taux mixte                                                                                                                               |                                              |         |                                       |                       |                                                  |         |                            |
| Position et description de l'avertissement de filtre:                                                                                    |                                              |         |                                       |                       |                                                  |         |                            |
| Un avertissement visuel avec la mention "FIL" ou "Changement de filtre" est émis sur le module de commande de l'appareil de ventilation. |                                              |         |                                       |                       |                                                  |         |                            |
| Un changement de filtre régulier est essentiel pour garantir l'hygiène et une longue durée de vie de votre installation de ventilation.  |                                              |         |                                       |                       |                                                  |         |                            |
| Remarque (grille air extérieur/ air évacué)                                                                                              |                                              |         |                                       |                       |                                                  |         |                            |
| Remarques relatives au prémontage/démontage                                                                                              |                                              |         | <b>www.viessmann.de/vitavent-erp</b>  |                       |                                                  |         |                            |
| Sensibilité aux variations de pression                                                                                                   |                                              |         |                                       |                       |                                                  |         |                            |
| Étanchéité à l'air entre l'intérieur et l'extérieur                                                                                      |                                              |         |                                       |                       |                                                  |         |                            |

**VITOVENT 300-W**

**Produktdatenblatt Energieeffizienzklasse**  
Product datasheet, energy efficiency category

Lüftung  
Ventilation

| BE<br>NL                                                                                                                              | Product                                 | Symbool | VITOVENT 300-W                        |                      | Product                                                                        | Symbool                                 | VITOVENT 300-W            |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------|---------------------------------------|----------------------|--------------------------------------------------------------------------------|-----------------------------------------|---------------------------|
| <b>Specifiek energieverbruik (SEC) &amp; SEC klassen</b>                                                                              |                                         |         |                                       |                      | <b>Jaarlijks elektriciteitsverbruik (AEC - annual electricity consumption)</b> |                                         |                           |
| <b>Gematigd klimaat</b>                                                                                                               |                                         |         |                                       |                      | <b>Gematigd klimaat</b>                                                        |                                         |                           |
|                                                                                                                                       | Manuele regeling                        |         |                                       |                      |                                                                                | Manuele regeling                        |                           |
|                                                                                                                                       | Klokregeling                            |         | <b>A</b>                              | <b>-42 kWh/(m²a)</b> |                                                                                | Klokregeling                            | <b>215 kWh/(100 m²a)</b>  |
|                                                                                                                                       | Centrale behoeftegestuurde regeling     |         | <b>A+</b>                             | <b>-43 kWh/(m²a)</b> |                                                                                | Centrale behoeftegestuurde regeling     | <b>181 kWh/(100 m²a)</b>  |
|                                                                                                                                       | Plaatselijke behoeftegestuurde regeling |         | <b>A+</b>                             | <b>-45 kWh/(m²a)</b> |                                                                                | Plaatselijke behoeftegestuurde regeling | <b>124 kWh/(100 m²a)</b>  |
| <b>Koud klimaat</b>                                                                                                                   |                                         |         |                                       |                      | <b>Koud klimaat</b>                                                            |                                         |                           |
|                                                                                                                                       | Manuele regeling                        |         |                                       |                      |                                                                                | Manuele regeling                        |                           |
|                                                                                                                                       | Klokregeling                            |         |                                       | <b>-80 kWh/(m²a)</b> |                                                                                | Klokregeling                            | <b>752 kWh/(100 m²a)</b>  |
|                                                                                                                                       | Centrale behoeftegestuurde regeling     |         |                                       | <b>-82 kWh/(m²a)</b> |                                                                                | Centrale behoeftegestuurde regeling     | <b>718 kWh/(100 m²a)</b>  |
|                                                                                                                                       | Plaatselijke behoeftegestuurde regeling |         |                                       | <b>-84 kWh/(m²a)</b> |                                                                                | Plaatselijke behoeftegestuurde regeling | <b>661 kWh/(100 m²a)</b>  |
| <b>Warm klimaat</b>                                                                                                                   |                                         |         |                                       |                      | <b>Warm klimaat</b>                                                            |                                         |                           |
|                                                                                                                                       | Manuele regeling                        |         |                                       |                      |                                                                                | Manuele regeling                        |                           |
|                                                                                                                                       | Klokregeling                            |         |                                       | <b>-17 kWh/(m²a)</b> |                                                                                | Klokregeling                            | <b>170 kWh/(100 m²a)</b>  |
|                                                                                                                                       | Centrale behoeftegestuurde regeling     |         |                                       | <b>-18 kWh/(m²a)</b> |                                                                                | Centrale behoeftegestuurde regeling     | <b>136 kWh/(100 m²a)</b>  |
|                                                                                                                                       | Plaatselijke behoeftegestuurde regeling |         |                                       | <b>-19 kWh/(m²a)</b> |                                                                                | Plaatselijke behoeftegestuurde regeling | <b>79 kWh/(100 m²a)</b>   |
| Algemene typologie                                                                                                                    |                                         |         | <b>bidirectional ventilation unit</b> |                      | <b>Jaarlijks bespaarde verwarming (AHS - annual heating saved)</b>             |                                         |                           |
| Motor en aandrijving                                                                                                                  |                                         |         | <b>variable speed</b>                 |                      | <b>Gematigd klimaat</b>                                                        |                                         |                           |
| Warmteterugwinningssysteem                                                                                                            |                                         |         | <b>recuperative</b>                   |                      |                                                                                | Manuele regeling                        |                           |
| Thermisch rendement van een residentieel HRS                                                                                          |                                         |         | <b>91 %</b>                           |                      |                                                                                | Klokregeling                            | <b>4628 kWh/(100 m²a)</b> |
| Maximaal debiet                                                                                                                       |                                         |         | <b>325 m³/h</b>                       |                      |                                                                                | Centrale behoeftegestuurde regeling     | <b>4657 kWh/(100 m²a)</b> |
| Werkelijk ingangsvermogen bij maximaal debiet                                                                                         |                                         |         | <b>145 W</b>                          |                      |                                                                                | Plaatselijke behoeftegestuurde regeling | <b>4714 kWh/(100 m²a)</b> |
| Geluidsvermogensniveau L <sub>WA</sub>                                                                                                |                                         |         | <b>41 dB</b>                          |                      | <b>Koud klimaat</b>                                                            |                                         |                           |
| Referentiedebiet                                                                                                                      |                                         |         | <b>0.063 m³/s</b>                     |                      |                                                                                | Manuele regeling                        |                           |
| Referentiedrukverschil                                                                                                                |                                         |         | <b>50 Pa</b>                          |                      |                                                                                | Klokregeling                            | <b>9054 kWh/(100 m²a)</b> |
| Specifiek ingangsvermogen (SPI - specific power input)                                                                                |                                         |         | <b>0.15 W/m³/h</b>                    |                      |                                                                                | Centrale behoeftegestuurde regeling     | <b>9110 kWh/(100 m²a)</b> |
| <b>Regelingsfactor</b>                                                                                                                |                                         |         |                                       |                      |                                                                                | Plaatselijke behoeftegestuurde regeling | <b>9222 kWh/(100 m²a)</b> |
|                                                                                                                                       | Manuele regeling                        |         |                                       |                      | <b>Warm klimaat</b>                                                            |                                         |                           |
|                                                                                                                                       | Klokregeling                            |         | <b>0.95</b>                           |                      |                                                                                | Manuele regeling                        |                           |
|                                                                                                                                       | Centrale behoeftegestuurde regeling     |         | <b>0.85</b>                           |                      |                                                                                | Klokregeling                            | <b>2093 kWh/(100 m²a)</b> |
|                                                                                                                                       | Plaatselijke behoeftegestuurde regeling |         | <b>0.65</b>                           |                      |                                                                                | Centrale behoeftegestuurde regeling     | <b>2106 kWh/(100 m²a)</b> |
| Maximaal percentage voor interne lekkage                                                                                              |                                         |         | <b>2.85 %</b>                         |                      |                                                                                | Plaatselijke behoeftegestuurde regeling | <b>2132 kWh/(100 m²a)</b> |
| Maximaal percentage voor externe lekkage                                                                                              |                                         |         | <b>2.85 %</b>                         |                      |                                                                                |                                         |                           |
| Carry over                                                                                                                            |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Percentage voor externe lekkage                                                                                                       |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Mengpercentage                                                                                                                        |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Plaats en beschrijving van het waarschuwingssignaal wanneer de filter moet worden vervangen:                                          |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Aan de bedieningsunit van de ventilatie-eenheid verschijnt een visueel waarschuwingssignaal met de tekst "FIL" of "Filter vervangen". |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Een geregeld vervangen van de filter is belangrijk voor de duurzaamheid en de hygiëne van uw ventilatie-eenheid.                      |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Instructie (aanzuig-/afzuigrooster)                                                                                                   |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Voormontage-/demontage-instructies                                                                                                    |                                         |         | <b>www.viessmann.de/vitovent-erp</b>  |                      |                                                                                |                                         |                           |
| Gevoeligheid voor drukschommelingen                                                                                                   |                                         |         |                                       |                      |                                                                                |                                         |                           |
| Luchtdichtheid tussen binnen en buiten                                                                                                |                                         |         |                                       |                      |                                                                                |                                         |                           |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| BG                                                                                                                                                                                                                                                                                                         | Продукт                                                                             | Символ | VITOVENT 300-W                 |  | Продукт                                    | Символ                                                                                | VITOVENT 300-W     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------|--|--------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
| Специфично енергопотребление (SEC) и класове на специфично енергопотребление (SEC)                                                                                                                                                                                                                         |                                                                                     |        |                                |  | Годишна консумация на електроенергия (ГКЕ) |                                                                                       |                    |
| Средни климатични условия                                                                                                                                                                                                                                                                                  |                                                                                     |        |                                |  | Средни климатични условия                  |                                                                                       |                    |
| Ръчен регулатор                                                                                                                                                                                                                                                                                            |    |        |                                |  | Ръчен регулатор                            |    |                    |
| Регулатор с часовник                                                                                                                                                                                                                                                                                       |    | A      | -42 kWh/(m²a)                  |  | Регулатор с часовник                       |    | 215 kWh/(100 m²a)  |
| Централен регулатор съобразно нуждите                                                                                                                                                                                                                                                                      |    | A+     | -43 kWh/(m²a)                  |  | Централен регулатор съобразно нуждите      |    | 181 kWh/(100 m²a)  |
| Регулатор съобразно местните нужди                                                                                                                                                                                                                                                                         |    | A+     | -45 kWh/(m²a)                  |  | Регулатор съобразно местните нужди         |    | 124 kWh/(100 m²a)  |
| Студени климатични условия                                                                                                                                                                                                                                                                                 |                                                                                     |        |                                |  | Студени климатични условия                 |                                                                                       |                    |
| Ръчен регулатор                                                                                                                                                                                                                                                                                            |    |        |                                |  | Ръчен регулатор                            |    |                    |
| Регулатор с часовник                                                                                                                                                                                                                                                                                       |    |        | -80 kWh/(m²a)                  |  | Регулатор с часовник                       |    | 752 kWh/(100 m²a)  |
| Централен регулатор съобразно нуждите                                                                                                                                                                                                                                                                      |    |        | -82 kWh/(m²a)                  |  | Централен регулатор съобразно нуждите      |    | 718 kWh/(100 m²a)  |
| Регулатор съобразно местните нужди                                                                                                                                                                                                                                                                         |    |        | -84 kWh/(m²a)                  |  | Регулатор съобразно местните нужди         |    | 661 kWh/(100 m²a)  |
| Топли климатични условия                                                                                                                                                                                                                                                                                   |                                                                                     |        |                                |  | Топли климатични условия                   |                                                                                       |                    |
| Ръчен регулатор                                                                                                                                                                                                                                                                                            |    |        |                                |  | Ръчен регулатор                            |    |                    |
| Регулатор с часовник                                                                                                                                                                                                                                                                                       |    |        | -17 kWh/(m²a)                  |  | Регулатор с часовник                       |    | 170 kWh/(100 m²a)  |
| Централен регулатор съобразно нуждите                                                                                                                                                                                                                                                                      |    |        | -18 kWh/(m²a)                  |  | Централен регулатор съобразно нуждите      |    | 136 kWh/(100 m²a)  |
| Регулатор съобразно местните нужди                                                                                                                                                                                                                                                                         |    |        | -19 kWh/(m²a)                  |  | Регулатор съобразно местните нужди         |    | 79 kWh/(100 m²a)   |
| Общ вид                                                                                                                                                                                                                                                                                                    |                                                                                     |        | bidirectional ventilation unit |  | Годишни спестявания при отопление (ГСО)    |                                                                                       |                    |
| Двигател и задвижване                                                                                                                                                                                                                                                                                      |                                                                                     |        | variable speed                 |  | Средни климатични условия                  |                                                                                       |                    |
| Инсталация за оползотворяване на отпадната топлина                                                                                                                                                                                                                                                         |                                                                                     |        | recuperative                   |  | Ръчен регулатор                            |    |                    |
| Топлинен КПД на HRS                                                                                                                                                                                                                                                                                        |                                                                                     |        | 91 %                           |  | Регулатор с часовник                       |    | 4628 kWh/(100 m²a) |
| Максимален дебит                                                                                                                                                                                                                                                                                           |                                                                                     |        | 325 m³/h                       |  | Централен регулатор съобразно нуждите      |    | 4657 kWh/(100 m²a) |
| Ефективна входяща мощност при максимален дебит                                                                                                                                                                                                                                                             |                                                                                     |        | 145 W                          |  | Регулатор съобразно местните нужди         |    | 4714 kWh/(100 m²a) |
| Ниво на звуковата мощност L <sub>WA</sub>                                                                                                                                                                                                                                                                  |                                                                                     |        | 41 dB                          |  | Студени климатични условия                 |                                                                                       |                    |
| Референтен дебит                                                                                                                                                                                                                                                                                           |                                                                                     |        | 0.063 m³/s                     |  | Ръчен регулатор                            |    |                    |
| Референтна разлика в налягането                                                                                                                                                                                                                                                                            |                                                                                     |        | 50 Pa                          |  | Регулатор с часовник                       |    | 9054 kWh/(100 m²a) |
| Специфична входяща мощност (SPI)                                                                                                                                                                                                                                                                           |                                                                                     |        | 0.15 W/m³/h                    |  | Централен регулатор съобразно нуждите      |    | 9110 kWh/(100 m²a) |
| Регулаторен коефициент                                                                                                                                                                                                                                                                                     |                                                                                     |        |                                |  | Регулатор съобразно местните нужди         |    | 9222 kWh/(100 m²a) |
| Ръчен регулатор                                                                                                                                                                                                                                                                                            |  |        |                                |  | Топли климатични условия                   |                                                                                       |                    |
| Регулатор с часовник                                                                                                                                                                                                                                                                                       |  |        | 0.95                           |  | Ръчен регулатор                            |  |                    |
| Централен регулатор съобразно нуждите                                                                                                                                                                                                                                                                      |  |        | 0.85                           |  | Регулатор с часовник                       |  | 2093 kWh/(100 m²a) |
| Регулатор съобразно местните нужди                                                                                                                                                                                                                                                                         |  |        | 0.65                           |  | Централен регулатор съобразно нуждите      |  | 2106 kWh/(100 m²a) |
| Максимална степен на вътрешно изпускане                                                                                                                                                                                                                                                                    |                                                                                     |        | 2.85 %                         |  | Регулатор съобразно местните нужди         |  | 2132 kWh/(100 m²a) |
| Максимална степен на външно изпускане                                                                                                                                                                                                                                                                      |                                                                                     |        | 2.85 %                         |  |                                            |                                                                                       |                    |
| Процент на пренасяне                                                                                                                                                                                                                                                                                       |                                                                                     |        |                                |  |                                            |                                                                                       |                    |
| степен на външно изпускане                                                                                                                                                                                                                                                                                 |                                                                                     |        |                                |  |                                            |                                                                                       |                    |
| Степен на смесване                                                                                                                                                                                                                                                                                         |                                                                                     |        |                                |  |                                            |                                                                                       |                    |
| Положение и описание на предупреждението за филтъра:<br>На модула за управление на вентилационния агрегат се извежда визуално предупредително съобщение с указанието "ФИЛ" или "Смяна на филтъра".<br>Редовната смяна на филтъра е важна за дълговечността и хигиената на Вашата вентилационна инсталация. |                                                                                     |        |                                |  |                                            |                                                                                       |                    |
| Указание (решетки за подаване/отвеждане на въздух)                                                                                                                                                                                                                                                         |                                                                                     |        |                                |  |                                            |                                                                                       |                    |
| Инструкции за предварително сглобяване/разглобяване                                                                                                                                                                                                                                                        |                                                                                     |        | www.viessmann.de/vitovent-erp  |  |                                            |                                                                                       |                    |
| Чувствителност към колебанията на налягането                                                                                                                                                                                                                                                               |                                                                                     |        |                                |  |                                            |                                                                                       |                    |
| Вътрешно-външна въздухонепроницаемост                                                                                                                                                                                                                                                                      |                                                                                     |        |                                |  |                                            |                                                                                       |                    |

**VITOVENT 300-W**

**Produktdatenblatt Energieeffizienzklasse**  
 Product datasheet, energy efficiency category

Lüftung  
 Ventilation

| CY                                                                                                                          | Προϊόν                         | Σύμβολο | VITOVENT 300-W                        |                       | Προϊόν                                              | Σύμβολο | VITOVENT 300-W             |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------|---------------------------------------|-----------------------|-----------------------------------------------------|---------|----------------------------|
| <b>Ειδική ενεργειακή κατανάλωση (SEC) &amp; κατηγορία SEC</b>                                                               |                                |         |                                       |                       | <b>Ετήσια κατανάλωση ηλεκτρικής ενέργειας (AEC)</b> |         |                            |
| <b>Μέσο κλίμα</b>                                                                                                           |                                |         |                                       |                       | <b>Μέσο κλίμα</b>                                   |         |                            |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | ⌚       |                                       |                       |                                                     | ⌚       |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | ⌚       | <b>A</b>                              | <b>-42 kWh/(m²·a)</b> |                                                     | ⌚       | <b>215 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | ⌚       | <b>A+</b>                             | <b>-43 kWh/(m²·a)</b> |                                                     | ⌚       | <b>181 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⌚⌚      | <b>A+</b>                             | <b>-45 kWh/(m²·a)</b> |                                                     | ⌚⌚      | <b>124 kWh/(100 m²·a)</b>  |
| <b>Ψυχρό κλίμα</b>                                                                                                          |                                |         |                                       |                       | <b>Ψυχρό κλίμα</b>                                  |         |                            |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | ⌚       |                                       |                       |                                                     | ⌚       |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | ⌚       |                                       | <b>-80 kWh/(m²·a)</b> |                                                     | ⌚       | <b>752 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | ⌚       |                                       | <b>-82 kWh/(m²·a)</b> |                                                     | ⌚       | <b>718 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⌚⌚      |                                       | <b>-84 kWh/(m²·a)</b> |                                                     | ⌚⌚      | <b>661 kWh/(100 m²·a)</b>  |
| <b>Ζεστό κλίμα</b>                                                                                                          |                                |         |                                       |                       | <b>Ζεστό κλίμα</b>                                  |         |                            |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | ⌚       |                                       |                       |                                                     | ⌚       |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | ⌚       |                                       | <b>-17 kWh/(m²·a)</b> |                                                     | ⌚       | <b>170 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | ⌚       |                                       | <b>-18 kWh/(m²·a)</b> |                                                     | ⌚       | <b>136 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⌚⌚      |                                       | <b>-19 kWh/(m²·a)</b> |                                                     | ⌚⌚      | <b>79 kWh/(100 m²·a)</b>   |
| <b>Γενική τυπολογία</b>                                                                                                     |                                |         | <b>bidirectional ventilation unit</b> |                       | <b>Ετήσια εξοικονόμηση θερμότητας (AHS)</b>         |         |                            |
| <b>Κινητήρας και μηχανισμός</b>                                                                                             |                                |         | <b>variable speed</b>                 |                       | <b>Μέσο κλίμα</b>                                   |         |                            |
| <b>Σύστημα ανάκτησης θερμότητας</b>                                                                                         |                                |         | <b>recuperative</b>                   |                       |                                                     | ⌚       |                            |
| <b>Θερμική απόδοση της ανάκτησης θερμότητας (HRS)</b>                                                                       |                                |         | <b>91 %</b>                           |                       |                                                     | ⌚       | <b>4628 kWh/(100 m²·a)</b> |
| <b>Μέγιστη παροχή αέρα</b>                                                                                                  |                                |         | <b>325 m³/h</b>                       |                       |                                                     | ⌚       | <b>4657 kWh/(100 m²·a)</b> |
| <b>Ενεργός ισχύς εισόδου για τη μέγιστη παροχή αέρα</b>                                                                     |                                |         | <b>145 W</b>                          |                       |                                                     | ⌚⌚      | <b>4714 kWh/(100 m²·a)</b> |
| <b>Στάθμη ηχητικής ισχύος L<sub>WA</sub></b>                                                                                |                                |         | <b>41 dB</b>                          |                       | <b>Ψυχρό κλίμα</b>                                  |         |                            |
| <b>Τιμή αναφοράς της παροχής αέρα</b>                                                                                       |                                |         | <b>0.063 m³/s</b>                     |                       |                                                     | ⌚       |                            |
| <b>Διαφορά πίεσης αναφοράς</b>                                                                                              |                                |         | <b>50 Pa</b>                          |                       |                                                     | ⌚       | <b>9054 kWh/(100 m²·a)</b> |
| <b>Ειδική ισχύς εισόδου (SPI)</b>                                                                                           |                                |         | <b>0.15 W/m³/h</b>                    |                       |                                                     | ⌚       | <b>9110 kWh/(100 m²·a)</b> |
| <b>Συντελεστής ρύθμισης</b>                                                                                                 |                                |         |                                       |                       |                                                     | ⌚⌚      | <b>9222 kWh/(100 m²·a)</b> |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | ⌚       |                                       |                       | <b>Ζεστό κλίμα</b>                                  |         |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | ⌚       | <b>0.95</b>                           |                       |                                                     | ⌚       |                            |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | ⌚       | <b>0.85</b>                           |                       |                                                     | ⌚       | <b>2093 kWh/(100 m²·a)</b> |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⌚⌚      | <b>0.65</b>                           |                       |                                                     | ⌚       | <b>2106 kWh/(100 m²·a)</b> |
| <b>Μέγιστο ποσοστό εσωτερικής διαρροής</b>                                                                                  |                                |         | <b>2.85 %</b>                         |                       |                                                     | ⌚⌚      | <b>2132 kWh/(100 m²·a)</b> |
| <b>Μέγιστο ποσοστό εξωτερικής διαρροής</b>                                                                                  |                                |         | <b>2.85 %</b>                         |                       |                                                     |         |                            |
| <b>Ανακυκλοφορία</b>                                                                                                        |                                |         |                                       |                       |                                                     |         |                            |
| <b>Ποσοστό εξωτερικής διαρροής</b>                                                                                          |                                |         |                                       |                       |                                                     |         |                            |
| <b>Αναλογία ανάμειξης</b>                                                                                                   |                                |         |                                       |                       |                                                     |         |                            |
| <b>Θέση και περιγραφή της προειδοποίησης φίλτρου:</b>                                                                       |                                |         |                                       |                       |                                                     |         |                            |
| <b>Στη μονάδα χειρισμού της συσκευής αερισμού εμφανίζεται μια προειδοποίηση με την επισήμανση "FIL" ή "Αλλαγή φίλτρου".</b> |                                |         |                                       |                       |                                                     |         |                            |
| <b>Η τακτική αλλαγή φίλτρου είναι σημαντική για τη μακροζωία και την υγιεινή του συστήματος αερισμού.</b>                   |                                |         |                                       |                       |                                                     |         |                            |
| <b>Επισήμανση (πλέγμα εξωτερικού αέρα/ αέρα εξόδου)</b>                                                                     |                                |         |                                       |                       |                                                     |         |                            |
| <b>Οδηγίες για τη συναρμολόγηση/ αποσυναρμολόγηση</b>                                                                       |                                |         | <b>www.viessmann.de/vitavent-erp</b>  |                       |                                                     |         |                            |
| <b>Δεκτικότητα στις διακυμάνσεις πίεσης</b>                                                                                 |                                |         |                                       |                       |                                                     |         |                            |
| <b>Αεροστεγανότητα εσωτερικού/εξωτερικού χώρου</b>                                                                          |                                |         |                                       |                       |                                                     |         |                            |

| CZ                                                                                                                              | Výrobek                        | Symbol                                                                              | VITOVENT 300-W                 |                | Výrobek                                 | Symbol                         | VITOVENT 300-W                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|--------------------------------|----------------|-----------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| Specifická spotřeba energie (SEC) a třída SEC                                                                                   |                                |                                                                                     |                                |                | Roční spotřeba elektrické energie (AEC) |                                |                                                                                       |
| <b>Průměrné klima</b>                                                                                                           |                                |                                                                                     |                                |                | <b>Průměrné klima</b>                   |                                |                                                                                       |
|                                                                                                                                 | Ruční řízení                   |    |                                |                |                                         | Ruční řízení                   |    |
|                                                                                                                                 | Časové řízení                  |    | A                              | -42 kWh/(m²·a) |                                         | Časové řízení                  |    |
|                                                                                                                                 | Centrální řízení podle potřeby |    | A+                             | -43 kWh/(m²·a) |                                         | Centrální řízení podle potřeby |    |
|                                                                                                                                 | Řízení podle lokální potřeby   |    | A+                             | -45 kWh/(m²·a) |                                         | Řízení podle lokální potřeby   |    |
| <b>Chladné klima</b>                                                                                                            |                                |                                                                                     |                                |                | <b>Chladné klima</b>                    |                                |                                                                                       |
|                                                                                                                                 | Ruční řízení                   |    |                                |                |                                         | Ruční řízení                   |    |
|                                                                                                                                 | Časové řízení                  |    |                                | -80 kWh/(m²·a) |                                         | Časové řízení                  |    |
|                                                                                                                                 | Centrální řízení podle potřeby |    |                                | -82 kWh/(m²·a) |                                         | Centrální řízení podle potřeby |    |
|                                                                                                                                 | Řízení podle lokální potřeby   |    |                                | -84 kWh/(m²·a) |                                         | Řízení podle lokální potřeby   |    |
| <b>Teplé klima</b>                                                                                                              |                                |                                                                                     |                                |                | <b>Teplé klima</b>                      |                                |                                                                                       |
|                                                                                                                                 | Ruční řízení                   |    |                                |                |                                         | Ruční řízení                   |    |
|                                                                                                                                 | Časové řízení                  |    |                                | -17 kWh/(m²·a) |                                         | Časové řízení                  |    |
|                                                                                                                                 | Centrální řízení podle potřeby |    |                                | -18 kWh/(m²·a) |                                         | Centrální řízení podle potřeby |    |
|                                                                                                                                 | Řízení podle lokální potřeby   |    |                                | -19 kWh/(m²·a) |                                         | Řízení podle lokální potřeby   |    |
| Všeobecná typologie                                                                                                             |                                |                                                                                     | bidirectional ventilation unit |                | Roční úspora tepla (AHS)                |                                |                                                                                       |
| Motor a pohon                                                                                                                   |                                |                                                                                     | variable speed                 |                | <b>Průměrné klima</b>                   |                                |                                                                                       |
| Systém zpětného získávání tepla                                                                                                 |                                |                                                                                     | recuperative                   |                |                                         | Ruční řízení                   |    |
| Tepelná účinnost zpětného získávání tepla WRG                                                                                   |                                |                                                                                     | 91 %                           |                |                                         | Časové řízení                  |    |
| Maximální objemový tok vzduchu                                                                                                  |                                |                                                                                     | 325 m³/h                       |                |                                         | Centrální řízení podle potřeby |    |
| Efektivní příkon při maximálním objemovém toku vzduchu                                                                          |                                |                                                                                     | 145 W                          |                |                                         | Řízení podle lokální potřeby   |    |
| Hladina akustického výkonu L <sub>WA</sub>                                                                                      |                                |                                                                                     | 41 dB                          |                | <b>Chladné klima</b>                    |                                |                                                                                       |
| Referenční průtok                                                                                                               |                                |                                                                                     | 0.063 m³/s                     |                |                                         | Ruční řízení                   |    |
| Referenční tlakový rozdíl                                                                                                       |                                |                                                                                     | 50 Pa                          |                |                                         | Časové řízení                  |    |
| Měrný příkon (SPI)                                                                                                              |                                |                                                                                     | 0.15 W/m³/h                    |                |                                         | Centrální řízení podle potřeby |    |
| <b>Faktor řízení</b>                                                                                                            |                                |                                                                                     |                                |                |                                         | Řízení podle lokální potřeby   |    |
|                                                                                                                                 | Ruční řízení                   |   |                                |                | <b>Teplé klima</b>                      |                                |                                                                                       |
|                                                                                                                                 | Časové řízení                  |  | 0.95                           |                |                                         | Ruční řízení                   |  |
|                                                                                                                                 | Centrální řízení podle potřeby |  | 0.85                           |                |                                         | Časové řízení                  |  |
|                                                                                                                                 | Řízení podle lokální potřeby   |  | 0.65                           |                |                                         | Centrální řízení podle potřeby |  |
| Maximální vnitřní netěsnost                                                                                                     |                                |                                                                                     | 2.85 %                         |                |                                         | Řízení podle lokální potřeby   |  |
| Maximální externí netěsnost                                                                                                     |                                |                                                                                     | 2.85 %                         |                |                                         |                                |                                                                                       |
| Přenos                                                                                                                          |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Externí netěsnost                                                                                                               |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Směšovací poměr                                                                                                                 |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Stav a popis výstrahy filtru:                                                                                                   |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Na obslužné jednotce větracího zařízení se zobrazí vizuální výstražné hlášení obsahující upozornění „FIL“ nebo „Výměna filtrů“. |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Pravidelná výměna filtrů je důležitá pro životnost a hygienu Vašeho větracího zařízení.                                         |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Upozornění (přívodní/odvodní mřížka)                                                                                            |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Návod na předběžnou montáž/demontáž                                                                                             |                                |                                                                                     | www.viessmann.de/vitovent-erp  |                |                                         |                                |                                                                                       |
| Citlivost na kolísání tlaku                                                                                                     |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |
| Vnitřní/venkovní vzduchotěsnost                                                                                                 |                                |                                                                                     |                                |                |                                         |                                |                                                                                       |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| DK                                                                                                                                                                                                                                                                       | Projekt                                                                             | Symbol | VITOVENT 300-W                 |  | Projekt                            | Symbol                                                                                | VITOVENT 300-W      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------|--|------------------------------------|---------------------------------------------------------------------------------------|---------------------|
| Specifikt energiforbrug (SEC) & SEC-klasse                                                                                                                                                                                                                               |                                                                                     |        |                                |  | Årligt elforbrug (AEC)             |                                                                                       |                     |
| <b>Gennemsnitligt klima</b>                                                                                                                                                                                                                                              |                                                                                     |        |                                |  | <b>Gennemsnitligt klima</b>        |                                                                                       |                     |
| Manuel regulering                                                                                                                                                                                                                                                        |    |        |                                |  | Manuel regulering                  |    |                     |
| Urstyret regulering                                                                                                                                                                                                                                                      |    | A      | -42 kWh/(m²·a)                 |  | Urstyret regulering                |    | 215 kWh/(100 m²·a)  |
| Central behovsstyret regulering                                                                                                                                                                                                                                          |    | A+     | -43 kWh/(m²·a)                 |  | Central behovsstyret regulering    |    | 181 kWh/(100 m²·a)  |
| Lokal behovsstyret regulering                                                                                                                                                                                                                                            |    | A+     | -45 kWh/(m²·a)                 |  | Lokal behovsstyret regulering      |    | 124 kWh/(100 m²·a)  |
| <b>Koldt klima</b>                                                                                                                                                                                                                                                       |                                                                                     |        |                                |  | <b>Koldt klima</b>                 |                                                                                       |                     |
| Manuel regulering                                                                                                                                                                                                                                                        |    |        |                                |  | Manuel regulering                  |    |                     |
| Urstyret regulering                                                                                                                                                                                                                                                      |    |        | -80 kWh/(m²·a)                 |  | Urstyret regulering                |    | 752 kWh/(100 m²·a)  |
| Central behovsstyret regulering                                                                                                                                                                                                                                          |    |        | -82 kWh/(m²·a)                 |  | Central behovsstyret regulering    |    | 718 kWh/(100 m²·a)  |
| Lokal behovsstyret regulering                                                                                                                                                                                                                                            |    |        | -84 kWh/(m²·a)                 |  | Lokal behovsstyret regulering      |    | 661 kWh/(100 m²·a)  |
| <b>Varmt klima</b>                                                                                                                                                                                                                                                       |                                                                                     |        |                                |  | <b>Varmt klima</b>                 |                                                                                       |                     |
| Manuel regulering                                                                                                                                                                                                                                                        |    |        |                                |  | Manuel regulering                  |    |                     |
| Urstyret regulering                                                                                                                                                                                                                                                      |    |        | -17 kWh/(m²·a)                 |  | Urstyret regulering                |    | 170 kWh/(100 m²·a)  |
| Central behovsstyret regulering                                                                                                                                                                                                                                          |    |        | -18 kWh/(m²·a)                 |  | Central behovsstyret regulering    |    | 136 kWh/(100 m²·a)  |
| Lokal behovsstyret regulering                                                                                                                                                                                                                                            |    |        | -19 kWh/(m²·a)                 |  | Lokal behovsstyret regulering      |    | 79 kWh/(100 m²·a)   |
| Generel typologi                                                                                                                                                                                                                                                         |                                                                                     |        | bidirectional ventilation unit |  | <b>Årlig varmebesparelse (AHS)</b> |                                                                                       |                     |
| Motor og drev                                                                                                                                                                                                                                                            |                                                                                     |        | variable speed                 |  | <b>Gennemsnitligt klima</b>        |                                                                                       |                     |
| Varmegenvindingssystem                                                                                                                                                                                                                                                   |                                                                                     |        | recuperative                   |  | Manuel regulering                  |    |                     |
| Temperaturvirkningsgrad WRG                                                                                                                                                                                                                                              |                                                                                     |        | 91 %                           |  | Urstyret regulering                |    | 4628 kWh/(100 m²·a) |
| Maksimal volumenstrøm                                                                                                                                                                                                                                                    |                                                                                     |        | 325 m³/h                       |  | Central behovsstyret regulering    |    | 4657 kWh/(100 m²·a) |
| Effektiv effektoptag ved maksimal volumenstrøm                                                                                                                                                                                                                           |                                                                                     |        | 145 W                          |  | Lokal behovsstyret regulering      |    | 4714 kWh/(100 m²·a) |
| Lydtrykniveau L <sub>WA</sub>                                                                                                                                                                                                                                            |                                                                                     |        | 41 dB                          |  | <b>Koldt klima</b>                 |                                                                                       |                     |
| Reference volumenstrøm                                                                                                                                                                                                                                                   |                                                                                     |        | 0.063 m³/s                     |  | Manuel regulering                  |    |                     |
| Referencetrykforskel                                                                                                                                                                                                                                                     |                                                                                     |        | 50 Pa                          |  | Urstyret regulering                |    | 9054 kWh/(100 m²·a) |
| Specifik effektoptag (SEL)                                                                                                                                                                                                                                               |                                                                                     |        | 0.15 W/m³/h                    |  | Central behovsstyret regulering    |    | 9110 kWh/(100 m²·a) |
| <b>Styringsfaktor</b>                                                                                                                                                                                                                                                    |                                                                                     |        |                                |  | Lokal behovsstyret regulering      |    | 9222 kWh/(100 m²·a) |
| Manuel regulering                                                                                                                                                                                                                                                        |   |        |                                |  | <b>Varmt klima</b>                 |                                                                                       |                     |
| Urstyret regulering                                                                                                                                                                                                                                                      |  |        | 0.95                           |  | Manuel regulering                  |  |                     |
| Central behovsstyret regulering                                                                                                                                                                                                                                          |  |        | 0.85                           |  | Urstyret regulering                |  | 2093 kWh/(100 m²·a) |
| Lokal behovsstyret regulering                                                                                                                                                                                                                                            |  |        | 0.65                           |  | Central behovsstyret regulering    |  | 2106 kWh/(100 m²·a) |
| Maksimal indvendig lækage                                                                                                                                                                                                                                                |                                                                                     |        | 2.85 %                         |  | Lokal behovsstyret regulering      |  | 2132 kWh/(100 m²·a) |
| Maksimal ekstern lækage                                                                                                                                                                                                                                                  |                                                                                     |        | 2.85 %                         |  |                                    |                                                                                       |                     |
| Overførsel                                                                                                                                                                                                                                                               |                                                                                     |        |                                |  |                                    |                                                                                       |                     |
| Ekstern lækage                                                                                                                                                                                                                                                           |                                                                                     |        |                                |  |                                    |                                                                                       |                     |
| Blandingsforhold                                                                                                                                                                                                                                                         |                                                                                     |        |                                |  |                                    |                                                                                       |                     |
| Placering og beskrivelse af filteradvarsel:<br>På ventilationsapparatets betjeningsenhed vises der en visuel advarselmelding med henvisning "FIL" eller "Filterskift".<br>Et regelmæssigt filterskift er vigtigt for holdbarheden og hygiejnen af dit ventilationsanlæg. |                                                                                     |        |                                |  |                                    |                                                                                       |                     |
| Henvisning (udeluft-/udluftningsgitter)                                                                                                                                                                                                                                  |                                                                                     |        |                                |  |                                    |                                                                                       |                     |
| Anvisninger til formontering/demontering                                                                                                                                                                                                                                 |                                                                                     |        | www.viessmann.de/vitovent-erp  |  |                                    |                                                                                       |                     |
| Trykudsvingsfølsomhed                                                                                                                                                                                                                                                    |                                                                                     |        |                                |  |                                    |                                                                                       |                     |
| Lufttæthed mellem inde og ude                                                                                                                                                                                                                                            |                                                                                     |        |                                |  |                                    |                                                                                       |                     |

| EE                                                                                                                     | Toode                                                                               | Sümbol | VITOVENT 300-W                 |  | Toode                                  | Sümbol                                                                                | VITOVENT 300-W     |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------|--|----------------------------------------|---------------------------------------------------------------------------------------|--------------------|
| Erienergiatarve (SEC) ja SEC klassid                                                                                   |                                                                                     |        |                                |  | Aastane elektrienergiatarve (JSV)      |                                                                                       |                    |
| <b>Keskmine kliima</b>                                                                                                 |                                                                                     |        |                                |  | <b>Keskmine kliima</b>                 |                                                                                       |                    |
| Käsijuhtimine                                                                                                          |    |        |                                |  | Käsijuhtimine                          |    |                    |
| Ajapõhine juhtimine                                                                                                    |    | A      | -42 kWh/(m²a)                  |  | Ajapõhine juhtimine                    |    | 215 kWh/(100 m²a)  |
| Keskne nõudluspõhine juhtimine                                                                                         |    | A+     | -43 kWh/(m²a)                  |  | Keskne nõudluspõhine juhtimine         |    | 181 kWh/(100 m²a)  |
| Kohalikust nõudlusest lähtuv juhtimine                                                                                 |    | A+     | -45 kWh/(m²a)                  |  | Kohalikust nõudlusest lähtuv juhtimine |    | 124 kWh/(100 m²a)  |
| <b>Külm kliima</b>                                                                                                     |                                                                                     |        |                                |  | <b>Külm kliima</b>                     |                                                                                       |                    |
| Käsijuhtimine                                                                                                          |    |        |                                |  | Käsijuhtimine                          |    |                    |
| Ajapõhine juhtimine                                                                                                    |    |        | -80 kWh/(m²a)                  |  | Ajapõhine juhtimine                    |    | 752 kWh/(100 m²a)  |
| Keskne nõudluspõhine juhtimine                                                                                         |    |        | -82 kWh/(m²a)                  |  | Keskne nõudluspõhine juhtimine         |    | 718 kWh/(100 m²a)  |
| Kohalikust nõudlusest lähtuv juhtimine                                                                                 |    |        | -84 kWh/(m²a)                  |  | Kohalikust nõudlusest lähtuv juhtimine |    | 661 kWh/(100 m²a)  |
| <b>Soe kliima</b>                                                                                                      |                                                                                     |        |                                |  | <b>Soe kliima</b>                      |                                                                                       |                    |
| Käsijuhtimine                                                                                                          |    |        |                                |  | Käsijuhtimine                          |    |                    |
| Ajapõhine juhtimine                                                                                                    |    |        | -17 kWh/(m²a)                  |  | Ajapõhine juhtimine                    |    | 170 kWh/(100 m²a)  |
| Keskne vajaduspõhine juhtimine                                                                                         |    |        | -18 kWh/(m²a)                  |  | Keskne vajaduspõhine juhtimine         |    | 136 kWh/(100 m²a)  |
| Kohalikust nõudlusest lähtuv juhtimine                                                                                 |    |        | -19 kWh/(m²a)                  |  | Kohalikust nõudlusest lähtuv juhtimine |    | 79 kWh/(100 m²a)   |
| Üldine tüpologia                                                                                                       |                                                                                     |        | bidirectional ventilation unit |  | Aastas säästetud soojusenergia (JEH)   |                                                                                       |                    |
| Mootor ja jõuseade                                                                                                     |                                                                                     |        | variable speed                 |  | <b>Keskmine kliima</b>                 |                                                                                       |                    |
| Soojustagastussüsteem                                                                                                  |                                                                                     |        | recuperative                   |  | Käsijuhtimine                          |    |                    |
| WRG soojustagastustegur                                                                                                |                                                                                     |        | 91 %                           |  | Ajapõhine juhtimine                    |    | 4628 kWh/(100 m²a) |
| Maksimaalne õhuvooluhulk                                                                                               |                                                                                     |        | 325 m³/h                       |  | Keskne nõudluspõhine juhtimine         |    | 4657 kWh/(100 m²a) |
| Efektiivne sisendvõimsus maksimaalse õhuvooluhulga puhul                                                               |                                                                                     |        | 145 W                          |  | Kohalikust nõudlusest lähtuv juhtimine |    | 4714 kWh/(100 m²a) |
| Helivõimsustase L <sub>WA</sub>                                                                                        |                                                                                     |        | 41 dB                          |  | <b>Külm kliima</b>                     |                                                                                       |                    |
| Baas-õhuvooluhulk                                                                                                      |                                                                                     |        | 0.063 m³/s                     |  | Käsijuhtimine                          |    |                    |
| Baas-diferentsiaalrõhk                                                                                                 |                                                                                     |        | 50 Pa                          |  | Ajapõhine juhtimine                    |    | 9054 kWh/(100 m²a) |
| Spetsiifiline sisendvõimsus (SEL)                                                                                      |                                                                                     |        | 0.15 W/m³/h                    |  | Keskne nõudluspõhine juhtimine         |    | 9110 kWh/(100 m²a) |
| <b>Juhtimistegur</b>                                                                                                   |                                                                                     |        |                                |  | Kohalikust nõudlusest lähtuv juhtimine |    | 9222 kWh/(100 m²a) |
| Käsijuhtimine                                                                                                          |   |        |                                |  | <b>Soe kliima</b>                      |                                                                                       |                    |
| Ajapõhine juhtimine                                                                                                    |  |        | 0.95                           |  | Käsijuhtimine                          |  |                    |
| Keskne nõudluspõhine juhtimine                                                                                         |  |        | 0.85                           |  | Ajapõhine juhtimine                    |  | 2093 kWh/(100 m²a) |
| Kohalikust nõudlusest lähtuv juhtimine                                                                                 |  |        | 0.65                           |  | Keskne nõudluspõhine juhtimine         |  | 2106 kWh/(100 m²a) |
| Maksimaalne sisemine lekkeõhu kvoot                                                                                    |                                                                                     |        | 2.85 %                         |  | Kohalikust nõudlusest lähtuv juhtimine |  | 2132 kWh/(100 m²a) |
| Maksimaalne väline lekkeõhukvoot                                                                                       |                                                                                     |        | 2.85 %                         |  |                                        |                                                                                       |                    |
| Ülekanne                                                                                                               |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| väline lekkeõhukvoot                                                                                                   |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| Segakvoot                                                                                                              |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| Filtri hoiatuse asukoht ja kirjeldus:                                                                                  |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| Ventilatsiooniseadme juhtpuldile ilmub hoiatusteade suunisega "FIL" või "Filtrivahetus".                               |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| Regulaarselt filtreid vahetades aitate pikendada oma ventilatsiooniseadme kasutusiga ning tagada selle hügieenilisust. |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| Suunis (välisõhu-/heitõhuvõre)                                                                                         |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| Juhised kokkupanekuks/lahtivõtmiseks                                                                                   |                                                                                     |        | www.viessmann.de/vitovent-erp  |  |                                        |                                                                                       |                    |
| Tundlikkus rõhukoikumiste osas                                                                                         |                                                                                     |        |                                |  |                                        |                                                                                       |                    |
| Sisemine ja välimine õhupidavus                                                                                        |                                                                                     |        |                                |  |                                        |                                                                                       |                    |

**VITOVENT 300-W**

**Produktdatenblatt Energieeffizienzklasse**  
 Product datasheet, energy efficiency category

Lüftung  
 Ventilation

| EL                                                                                                                          | Προϊόν                         | Σύμβολο | VITOVENT 300-W                        |                       | Προϊόν                                              | Σύμβολο | VITOVENT 300-W             |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------|---------------------------------------|-----------------------|-----------------------------------------------------|---------|----------------------------|
| <b>Ειδική ενεργειακή κατανάλωση (SEC) &amp; κατηγορία SEC</b>                                                               |                                |         |                                       |                       | <b>Ετήσια κατανάλωση ηλεκτρικής ενέργειας (AEC)</b> |         |                            |
| <b>Μέσο κλίμα</b>                                                                                                           |                                |         |                                       |                       | <b>Μέσο κλίμα</b>                                   |         |                            |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | Ⓜ       |                                       |                       |                                                     | Ⓜ       |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | Ⓢ       | <b>A</b>                              | <b>-42 kWh/(m²·a)</b> |                                                     | Ⓢ       | <b>215 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | Ⓢ       | <b>A+</b>                             | <b>-43 kWh/(m²·a)</b> |                                                     | Ⓢ       | <b>181 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⓈⓈ      | <b>A+</b>                             | <b>-45 kWh/(m²·a)</b> |                                                     | ⓈⓈ      | <b>124 kWh/(100 m²·a)</b>  |
| <b>Ψυχρό κλίμα</b>                                                                                                          |                                |         |                                       |                       | <b>Ψυχρό κλίμα</b>                                  |         |                            |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | Ⓜ       |                                       |                       |                                                     | Ⓜ       |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | Ⓢ       |                                       | <b>-80 kWh/(m²·a)</b> |                                                     | Ⓢ       | <b>752 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | Ⓢ       |                                       | <b>-82 kWh/(m²·a)</b> |                                                     | Ⓢ       | <b>718 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⓈⓈ      |                                       | <b>-84 kWh/(m²·a)</b> |                                                     | ⓈⓈ      | <b>661 kWh/(100 m²·a)</b>  |
| <b>Ζεστό κλίμα</b>                                                                                                          |                                |         |                                       |                       | <b>Ζεστό κλίμα</b>                                  |         |                            |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | Ⓜ       |                                       |                       |                                                     | Ⓜ       |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | Ⓢ       |                                       | <b>-17 kWh/(m²·a)</b> |                                                     | Ⓢ       | <b>170 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | Ⓢ       |                                       | <b>-18 kWh/(m²·a)</b> |                                                     | Ⓢ       | <b>136 kWh/(100 m²·a)</b>  |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⓈⓈ      |                                       | <b>-19 kWh/(m²·a)</b> |                                                     | ⓈⓈ      | <b>79 kWh/(100 m²·a)</b>   |
| <b>Γενική τυπολογία</b>                                                                                                     |                                |         | <b>bidirectional ventilation unit</b> |                       | <b>Ετήσια εξοικονόμηση θερμότητας (AHS)</b>         |         |                            |
| <b>Κινητήρας και μηχανισμός</b>                                                                                             |                                |         | <b>variable speed</b>                 |                       | <b>Μέσο κλίμα</b>                                   |         |                            |
| <b>Σύστημα ανάκτησης θερμότητας</b>                                                                                         |                                |         | <b>recuperative</b>                   |                       |                                                     | Ⓜ       |                            |
| <b>Θερμική απόδοση της ανάκτησης θερμότητας (HRS)</b>                                                                       |                                |         | <b>91 %</b>                           |                       |                                                     | Ⓢ       | <b>4628 kWh/(100 m²·a)</b> |
| <b>Μέγιστη παροχή αέρα</b>                                                                                                  |                                |         | <b>325 m³/h</b>                       |                       |                                                     | Ⓢ       | <b>4657 kWh/(100 m²·a)</b> |
| <b>Ενεργός ισχύς εισόδου για τη μέγιστη παροχή αέρα</b>                                                                     |                                |         | <b>145 W</b>                          |                       |                                                     | ⓈⓈ      | <b>4714 kWh/(100 m²·a)</b> |
| <b>Στάθμη ηχητικής ισχύος L<sub>WA</sub></b>                                                                                |                                |         | <b>41 dB</b>                          |                       | <b>Ψυχρό κλίμα</b>                                  |         |                            |
| <b>Τιμή αναφοράς της παροχής αέρα</b>                                                                                       |                                |         | <b>0.063 m³/s</b>                     |                       |                                                     | Ⓜ       |                            |
| <b>Διαφορά πίεσης αναφοράς</b>                                                                                              |                                |         | <b>50 Pa</b>                          |                       |                                                     | Ⓢ       | <b>9054 kWh/(100 m²·a)</b> |
| <b>Ειδική ισχύς εισόδου (SPI)</b>                                                                                           |                                |         | <b>0.15 W/m³/h</b>                    |                       |                                                     | Ⓢ       | <b>9110 kWh/(100 m²·a)</b> |
| <b>Συντελεστής ρύθμισης</b>                                                                                                 |                                |         |                                       |                       |                                                     | ⓈⓈ      | <b>9222 kWh/(100 m²·a)</b> |
|                                                                                                                             | Χειροκίνητη ρύθμιση            | Ⓜ       |                                       |                       | <b>Ζεστό κλίμα</b>                                  |         |                            |
|                                                                                                                             | Διεπαφή χρονισμού              | Ⓢ       | <b>0.95</b>                           |                       |                                                     | Ⓜ       |                            |
|                                                                                                                             | Χειριστήριο κεντρικής ρύθμισης | Ⓢ       | <b>0.85</b>                           |                       |                                                     | Ⓢ       | <b>2093 kWh/(100 m²·a)</b> |
|                                                                                                                             | Χειριστήριο τοπικής ρύθμισης   | ⓈⓈ      | <b>0.65</b>                           |                       |                                                     | Ⓢ       | <b>2106 kWh/(100 m²·a)</b> |
| <b>Μέγιστο ποσοστό εσωτερικής διαρροής</b>                                                                                  |                                |         | <b>2.85 %</b>                         |                       |                                                     | ⓈⓈ      | <b>2132 kWh/(100 m²·a)</b> |
| <b>Μέγιστο ποσοστό εξωτερικής διαρροής</b>                                                                                  |                                |         | <b>2.85 %</b>                         |                       |                                                     |         |                            |
| <b>Ανακυκλοφορία</b>                                                                                                        |                                |         |                                       |                       |                                                     |         |                            |
| <b>Ποσοστό εξωτερικής διαρροής</b>                                                                                          |                                |         |                                       |                       |                                                     |         |                            |
| <b>Αναλογία ανάμειξης</b>                                                                                                   |                                |         |                                       |                       |                                                     |         |                            |
| <b>Θέση και περιγραφή της προειδοποίησης φίλτρου:</b>                                                                       |                                |         |                                       |                       |                                                     |         |                            |
| <b>Στη μονάδα χειρισμού της συσκευής αερισμού εμφανίζεται μια προειδοποίηση με την επισήμανση "FIL" ή "Αλλαγή φίλτρου".</b> |                                |         |                                       |                       |                                                     |         |                            |
| <b>Η τακτική αλλαγή φίλτρου είναι σημαντική για τη μακροζωία και την υγιεινή του συστήματος αερισμού.</b>                   |                                |         |                                       |                       |                                                     |         |                            |
| <b>Επισήμανση (πλέγμα εξωτερικού αέρα/ αέρα εξόδου)</b>                                                                     |                                |         |                                       |                       |                                                     |         |                            |
| <b>Οδηγίες για τη συναρμολόγηση/ αποσυναρμολόγηση</b>                                                                       |                                |         | <b>www.viessmann.de/vitotent-erp</b>  |                       |                                                     |         |                            |
| <b>Δεκτικότητα στις διακυμάνσεις πίεσης</b>                                                                                 |                                |         |                                       |                       |                                                     |         |                            |
| <b>Αεροστεγανότητα εσωτερικού/εξωτερικού χώρου</b>                                                                          |                                |         |                                       |                       |                                                     |         |                            |

**VITOVENT 300-W**

**Produktdatenblatt Energieeffizienzklasse**  
 Product datasheet, energy efficiency category

Lüftung  
 Ventilation

| FI | Tuote                                                                                                              | Symboli | VITOVENT 300-W                        |                      | Tuote                                 | Symboli | VITOVENT 300-W            |
|----|--------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------|----------------------|---------------------------------------|---------|---------------------------|
|    | <b>Ominaisenergiankulutuksella (SEC) ja SEC luokka</b>                                                             |         |                                       |                      | <b>Vuotuinen sähkönkulutus (AEC)</b>  |         |                           |
|    | <b>Keskiarvoilmasto</b>                                                                                            |         |                                       |                      | <b>Keskiarvoilmasto</b>               |         |                           |
|    | Käsiohjaus                                                                                                         |         |                                       |                      | Käsiohjaus                            |         |                           |
|    | Aikaohjaus                                                                                                         |         | <b>A</b>                              | <b>-42 kWh/(m²a)</b> | Aikaohjaus                            |         | <b>215 kWh/(100 m²a)</b>  |
|    | Keskitetty tarveohjaus                                                                                             |         | <b>A+</b>                             | <b>-43 kWh/(m²a)</b> | Keskitetty tarveohjaus                |         | <b>181 kWh/(100 m²a)</b>  |
|    | Ohjaus paikallisen tarpeen mukaan                                                                                  |         | <b>A+</b>                             | <b>-45 kWh/(m²a)</b> | Ohjaus paikallisen tarpeen mukaan     |         | <b>124 kWh/(100 m²a)</b>  |
|    | <b>Kylmä ilmasto</b>                                                                                               |         |                                       |                      | <b>Kylmä ilmasto</b>                  |         |                           |
|    | Käsiohjaus                                                                                                         |         |                                       |                      | Käsiohjaus                            |         |                           |
|    | Aikaohjaus                                                                                                         |         |                                       | <b>-80 kWh/(m²a)</b> | Aikaohjaus                            |         | <b>752 kWh/(100 m²a)</b>  |
|    | Keskitetty tarveohjaus                                                                                             |         |                                       | <b>-82 kWh/(m²a)</b> | Keskitetty tarveohjaus                |         | <b>718 kWh/(100 m²a)</b>  |
|    | Ohjaus paikallisen tarpeen mukaan                                                                                  |         |                                       | <b>-84 kWh/(m²a)</b> | Ohjaus paikallisen tarpeen mukaan     |         | <b>661 kWh/(100 m²a)</b>  |
|    | <b>Lämmin ilmasto</b>                                                                                              |         |                                       |                      | <b>Lämmin ilmasto</b>                 |         |                           |
|    | Käsiohjaus                                                                                                         |         |                                       |                      | Käsiohjaus                            |         |                           |
|    | Aikaohjaus                                                                                                         |         |                                       | <b>-17 kWh/(m²a)</b> | Aikaohjaus                            |         | <b>170 kWh/(100 m²a)</b>  |
|    | Keskitetty tarveohjaus                                                                                             |         |                                       | <b>-18 kWh/(m²a)</b> | Keskitetty tarveohjaus                |         | <b>136 kWh/(100 m²a)</b>  |
|    | Ohjaus paikallisen tarpeen mukaan                                                                                  |         |                                       | <b>-19 kWh/(m²a)</b> | Ohjaus paikallisen tarpeen mukaan     |         | <b>79 kWh/(100 m²a)</b>   |
|    | Yleinen typologia                                                                                                  |         | <b>bidirectional ventilation unit</b> |                      | <b>Vuotuinen lämmityssäästö (AHS)</b> |         |                           |
|    | Moottori ja käyttölaite                                                                                            |         | <b>variable speed</b>                 |                      | <b>Keskiarvoilmasto</b>               |         |                           |
|    | Lämmön talteenottojärjestelmä                                                                                      |         | <b>recuperative</b>                   |                      | Käsiohjaus                            |         |                           |
|    | Lämmön talteenoton lämpötilan muutosaste                                                                           |         | <b>91 %</b>                           |                      | Aikaohjaus                            |         | <b>4628 kWh/(100 m²a)</b> |
|    | Suurin ilmatilavuusvirta                                                                                           |         | <b>325 m³/h</b>                       |                      | Keskitetty tarveohjaus                |         | <b>4657 kWh/(100 m²a)</b> |
|    | Tosiasiallinen sisäänmenoteho suurimmalla ilmatilavuusvirralla                                                     |         | <b>145 W</b>                          |                      | Ohjaus paikallisen tarpeen mukaan     |         | <b>4714 kWh/(100 m²a)</b> |
|    | Äänitehotaso L <sub>WA</sub>                                                                                       |         | <b>41 dB</b>                          |                      | <b>Kylmä ilmasto</b>                  |         |                           |
|    | Viiteilmatilavuusvirta                                                                                             |         | <b>0.063 m³/s</b>                     |                      | Käsiohjaus                            |         |                           |
|    | Viitepaine-ero                                                                                                     |         | <b>50 Pa</b>                          |                      | Aikaohjaus                            |         | <b>9054 kWh/(100 m²a)</b> |
|    | Määritetty sisäänmenoteho (SEL)                                                                                    |         | <b>0.15 W/m³/h</b>                    |                      | Keskitetty tarveohjaus                |         | <b>9110 kWh/(100 m²a)</b> |
|    | <b>Ohjauskerroin</b>                                                                                               |         |                                       |                      | Ohjaus paikallisen tarpeen mukaan     |         | <b>9222 kWh/(100 m²a)</b> |
|    | Käsiohjaus                                                                                                         |         |                                       |                      | <b>Lämmin ilmasto</b>                 |         |                           |
|    | Aikaohjaus                                                                                                         |         |                                       | <b>0.95</b>          | Käsiohjaus                            |         |                           |
|    | Keskitetty tarveohjaus                                                                                             |         |                                       | <b>0.85</b>          | Aikaohjaus                            |         | <b>2093 kWh/(100 m²a)</b> |
|    | Ohjaus paikallisen tarpeen mukaan                                                                                  |         |                                       | <b>0.65</b>          | Keskitetty tarveohjaus                |         | <b>2106 kWh/(100 m²a)</b> |
|    | Maksimaalinen sisäinen vuotoilmamäärä                                                                              |         | <b>2.85 %</b>                         |                      | Ohjaus paikallisen tarpeen mukaan     |         | <b>2132 kWh/(100 m²a)</b> |
|    | Maksimaalinen ulkoinen vuotoilmamäärä                                                                              |         | <b>2.85 %</b>                         |                      |                                       |         |                           |
|    | Siirto                                                                                                             |         |                                       |                      |                                       |         |                           |
|    | Ulkoinen vuotoilmamäärä                                                                                            |         |                                       |                      |                                       |         |                           |
|    | Sekamäärä                                                                                                          |         |                                       |                      |                                       |         |                           |
|    | Suodatinvaroituksen sijainti ja kuvaus:                                                                            |         |                                       |                      |                                       |         |                           |
|    | Ilmastointilaitteen käyttöyksikössä esitetään näytössä varoitusilmoitus, jossa on ohje "FIL" tai "Suodatinvaihto". |         |                                       |                      |                                       |         |                           |
|    | Säännöllinen suodatinvaihto on tärkeää ilmanvaihtolaitteiston pitkäikäisyydelle ja hygienialle.                    |         |                                       |                      |                                       |         |                           |
|    | Ohje (ulkoilma-/poistoilmaristikko)                                                                                |         |                                       |                      |                                       |         |                           |
|    | Ohjeet esiasennukseen/osiin purkamiseen                                                                            |         | <b>www.viessmann.de/vitovent-erp</b>  |                      |                                       |         |                           |
|    | Painevaihteluherkkyys                                                                                              |         |                                       |                      |                                       |         |                           |
|    | Ilmatiheys sisä- ja ulkopuolen välillä                                                                             |         |                                       |                      |                                       |         |                           |

**VITOVENT 300-W**
**Produktdatenblatt Energieeffizienzklasse**

Product datasheet, energy efficiency category

 Lüftung  
Ventilation

| FR                                                                                                                                                                                                                                                                                                                                     | Produit                     | Symbole | VITOVENT 300-W                        |                       | Produit                                          | Symbole | VITOVENT 300-W             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|---------------------------------------|-----------------------|--------------------------------------------------|---------|----------------------------|
| <b>Consommation d'énergie spécifique (SEC) &amp; classe de SEC</b>                                                                                                                                                                                                                                                                     |                             |         |                                       |                       | <b>Consommation d'électricité annuelle (CEA)</b> |         |                            |
| <b>Climat moyen</b>                                                                                                                                                                                                                                                                                                                    |                             |         |                                       |                       | <b>Climat moyen</b>                              |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation manuelle         |         |                                       |                       |                                                  |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation par horloge      |         | <b>A</b>                              | <b>-42 kWh/(m²·a)</b> |                                                  |         | <b>215 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée centrale |         | <b>A+</b>                             | <b>-43 kWh/(m²·a)</b> |                                                  |         | <b>181 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée locale   |         | <b>A+</b>                             | <b>-45 kWh/(m²·a)</b> |                                                  |         | <b>124 kWh/(100 m²·a)</b>  |
| <b>Climat froid</b>                                                                                                                                                                                                                                                                                                                    |                             |         |                                       |                       | <b>Climat froid</b>                              |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation manuelle         |         |                                       |                       |                                                  |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation par horloge      |         |                                       | <b>-80 kWh/(m²·a)</b> |                                                  |         | <b>752 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée centrale |         |                                       | <b>-82 kWh/(m²·a)</b> |                                                  |         | <b>718 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée locale   |         |                                       | <b>-84 kWh/(m²·a)</b> |                                                  |         | <b>661 kWh/(100 m²·a)</b>  |
| <b>Climat chaud</b>                                                                                                                                                                                                                                                                                                                    |                             |         |                                       |                       | <b>Climat chaud</b>                              |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation manuelle         |         |                                       |                       |                                                  |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation par horloge      |         |                                       | <b>-17 kWh/(m²·a)</b> |                                                  |         | <b>170 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée centrale |         |                                       | <b>-18 kWh/(m²·a)</b> |                                                  |         | <b>136 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée locale   |         |                                       | <b>-19 kWh/(m²·a)</b> |                                                  |         | <b>79 kWh/(100 m²·a)</b>   |
| Typologie générale                                                                                                                                                                                                                                                                                                                     |                             |         | <b>bidirectional ventilation unit</b> |                       | <b>Économie annuelle de chauffage (EAC)</b>      |         |                            |
| Moteur et motorisation                                                                                                                                                                                                                                                                                                                 |                             |         | <b>variable speed</b>                 |                       | <b>Climat moyen</b>                              |         |                            |
| Système de récupération de chaleur                                                                                                                                                                                                                                                                                                     |                             |         | <b>recuperative</b>                   |                       |                                                  |         |                            |
| Rendement thermique de la récupération de chaleur                                                                                                                                                                                                                                                                                      |                             |         | <b>91 %</b>                           |                       |                                                  |         | <b>4628 kWh/(100 m²·a)</b> |
| Débit maximal                                                                                                                                                                                                                                                                                                                          |                             |         | <b>325 m³/h</b>                       |                       |                                                  |         | <b>4657 kWh/(100 m²·a)</b> |
| Puissance absorbée effective au débit maximal                                                                                                                                                                                                                                                                                          |                             |         | <b>145 W</b>                          |                       |                                                  |         | <b>4714 kWh/(100 m²·a)</b> |
| Niveau de puissance acoustique L <sub>WA</sub>                                                                                                                                                                                                                                                                                         |                             |         | <b>41 dB</b>                          |                       | <b>Climat froid</b>                              |         |                            |
| Débit de référence                                                                                                                                                                                                                                                                                                                     |                             |         | <b>0.063 m³/s</b>                     |                       |                                                  |         |                            |
| Différence de pression de référence                                                                                                                                                                                                                                                                                                    |                             |         | <b>50 Pa</b>                          |                       |                                                  |         | <b>9054 kWh/(100 m²·a)</b> |
| Puissance absorbée spécifique (SPI)                                                                                                                                                                                                                                                                                                    |                             |         | <b>0.15 W/m³/h</b>                    |                       |                                                  |         | <b>9110 kWh/(100 m²·a)</b> |
| <b>Facteur de régulation</b>                                                                                                                                                                                                                                                                                                           |                             |         |                                       |                       |                                                  |         | <b>9222 kWh/(100 m²·a)</b> |
|                                                                                                                                                                                                                                                                                                                                        | Régulation manuelle         |         |                                       |                       | <b>Climat chaud</b>                              |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation par horloge      |         | <b>0.95</b>                           |                       |                                                  |         |                            |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée centrale |         | <b>0.85</b>                           |                       |                                                  |         | <b>2093 kWh/(100 m²·a)</b> |
|                                                                                                                                                                                                                                                                                                                                        | Régulation modulée locale   |         | <b>0.65</b>                           |                       |                                                  |         | <b>2106 kWh/(100 m²·a)</b> |
| Taux de fuite interne maximal                                                                                                                                                                                                                                                                                                          |                             |         | <b>2.85 %</b>                         |                       |                                                  |         | <b>2132 kWh/(100 m²·a)</b> |
| Taux de fuite externe maximal                                                                                                                                                                                                                                                                                                          |                             |         | <b>2.85 %</b>                         |                       |                                                  |         |                            |
| Recirculation                                                                                                                                                                                                                                                                                                                          |                             |         |                                       |                       |                                                  |         |                            |
| Taux de fuite externe                                                                                                                                                                                                                                                                                                                  |                             |         |                                       |                       |                                                  |         |                            |
| Taux de mélange                                                                                                                                                                                                                                                                                                                        |                             |         |                                       |                       |                                                  |         |                            |
| Position et description de l'alarme des filtres:<br>Une alarme visuelle avec l'indication "FIL" ou "Remplacement des filtres" est émise sur le module de commande de l'unité de ventilation.<br>Il est important de remplacer régulièrement les filtres pour garantir la durabilité et l'hygiène de votre installation de ventilation. |                             |         |                                       |                       |                                                  |         |                            |
| Remarque (grilles d'insufflation/extraction d'air)                                                                                                                                                                                                                                                                                     |                             |         |                                       |                       |                                                  |         |                            |
| Instructions de préassemblage/démontage                                                                                                                                                                                                                                                                                                |                             |         | <b>www.viessmann.de/vitivent-erp</b>  |                       |                                                  |         |                            |
| Sensibilité aux variations de pression                                                                                                                                                                                                                                                                                                 |                             |         |                                       |                       |                                                  |         |                            |
| Étanchéité à l'air intérieur/extérieur                                                                                                                                                                                                                                                                                                 |                             |         |                                       |                       |                                                  |         |                            |

| HR                                                                                                                                                                                                                                                        | Proizvod                                                                            | Simbol | VITOVENT 300-W                 |  | Proizvod                                     | Simbol                                                                                | VITOVENT 300-W                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------|--|----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|
| Specifična potrošnja energije (SEC) i razredi SEC-a                                                                                                                                                                                                       |                                                                                     |        |                                |  | Godišnja potrošnja električne energije (AEC) |                                                                                       |                                 |
| <b>Prosječna klima</b>                                                                                                                                                                                                                                    |                                                                                     |        |                                |  | <b>Prosječna klima</b>                       |                                                                                       |                                 |
| Ručno upravljanje                                                                                                                                                                                                                                         |    |        |                                |  | Ručno upravljanje                            |    |                                 |
| Vremensko upravljanje                                                                                                                                                                                                                                     |    | A      | -42 kWh/(m <sup>2</sup> a)     |  | Vremensko upravljanje                        |    | 215 kWh/(100 m <sup>2</sup> a)  |
| Centralno upravljanje prema potražnji                                                                                                                                                                                                                     |    | A+     | -43 kWh/(m <sup>2</sup> a)     |  | Centralno upravljanje prema potražnji        |    | 181 kWh/(100 m <sup>2</sup> a)  |
| Upravljanje prema lokalnoj potražnji                                                                                                                                                                                                                      |    | A+     | -45 kWh/(m <sup>2</sup> a)     |  | Upravljanje prema lokalnoj potražnji         |    | 124 kWh/(100 m <sup>2</sup> a)  |
| <b>Hladna klima</b>                                                                                                                                                                                                                                       |                                                                                     |        |                                |  | <b>Hladna klima</b>                          |                                                                                       |                                 |
| Ručno upravljanje                                                                                                                                                                                                                                         |    |        |                                |  | Ručno upravljanje                            |    |                                 |
| Vremensko upravljanje                                                                                                                                                                                                                                     |    |        | -80 kWh/(m <sup>2</sup> a)     |  | Vremensko upravljanje                        |    | 752 kWh/(100 m <sup>2</sup> a)  |
| Centralno upravljanje prema potražnji                                                                                                                                                                                                                     |    |        | -82 kWh/(m <sup>2</sup> a)     |  | Centralno upravljanje prema potražnji        |    | 718 kWh/(100 m <sup>2</sup> a)  |
| Upravljanje prema lokalnoj potražnji                                                                                                                                                                                                                      |    |        | -84 kWh/(m <sup>2</sup> a)     |  | Upravljanje prema lokalnoj potražnji         |    | 661 kWh/(100 m <sup>2</sup> a)  |
| <b>Topla klima</b>                                                                                                                                                                                                                                        |                                                                                     |        |                                |  | <b>Topla klima</b>                           |                                                                                       |                                 |
| Ručno upravljanje                                                                                                                                                                                                                                         |    |        |                                |  | Ručno upravljanje                            |    |                                 |
| Vremensko upravljanje                                                                                                                                                                                                                                     |    |        | -17 kWh/(m <sup>2</sup> a)     |  | Vremensko upravljanje                        |    | 170 kWh/(100 m <sup>2</sup> a)  |
| Centralno upravljanje prema potražnji                                                                                                                                                                                                                     |    |        | -18 kWh/(m <sup>2</sup> a)     |  | Centralno upravljanje prema potražnji        |    | 136 kWh/(100 m <sup>2</sup> a)  |
| Upravljanje prema lokalnoj potražnji                                                                                                                                                                                                                      |    |        | -19 kWh/(m <sup>2</sup> a)     |  | Upravljanje prema lokalnoj potražnji         |    | 79 kWh/(100 m <sup>2</sup> a)   |
| Opća tipologija                                                                                                                                                                                                                                           |                                                                                     |        | bidirectional ventilation unit |  | Godišnja ušteda energije za grijanje (AHS)   |                                                                                       |                                 |
| Motor i pogon                                                                                                                                                                                                                                             |                                                                                     |        | variable speed                 |  | <b>Prosječna klima</b>                       |                                                                                       |                                 |
| Sustavi za iskorištavanje otpadne topline                                                                                                                                                                                                                 |                                                                                     |        | recuperative                   |  | Ručno upravljanje                            |    |                                 |
| Stupanj promjene temperature stupnja iskorištavanja otpadne topline (WRG)                                                                                                                                                                                 |                                                                                     |        | 91 %                           |  | Vremensko upravljanje                        |    | 4628 kWh/(100 m <sup>2</sup> a) |
| Najveći volumni protok zraka                                                                                                                                                                                                                              |                                                                                     |        | 325 m <sup>3</sup> /h          |  | Centralno upravljanje prema potražnji        |    | 4657 kWh/(100 m <sup>2</sup> a) |
| Efektivni ulazni učin pri najvećem volumnom protoku zraka                                                                                                                                                                                                 |                                                                                     |        | 145 W                          |  | Upravljanje prema lokalnoj potražnji         |    | 4714 kWh/(100 m <sup>2</sup> a) |
| Razina zvučne snage L <sub>WA</sub>                                                                                                                                                                                                                       |                                                                                     |        | 41 dB                          |  | <b>Hladna klima</b>                          |                                                                                       |                                 |
| Referentni volumni protok zraka                                                                                                                                                                                                                           |                                                                                     |        | 0.063 m <sup>3</sup> /s        |  | Ručno upravljanje                            |    |                                 |
| Referentna razlika tlaka                                                                                                                                                                                                                                  |                                                                                     |        | 50 Pa                          |  | Vremensko upravljanje                        |    | 9054 kWh/(100 m <sup>2</sup> a) |
| Specifična ulazna snaga (SPI)                                                                                                                                                                                                                             |                                                                                     |        | 0.15 W/m <sup>3</sup> /h       |  | Centralno upravljanje prema potražnji        |    | 9110 kWh/(100 m <sup>2</sup> a) |
| <b>Faktor upravljanja</b>                                                                                                                                                                                                                                 |                                                                                     |        |                                |  | Upravljanje prema lokalnoj potražnji         |    | 9222 kWh/(100 m <sup>2</sup> a) |
| Ručno upravljanje                                                                                                                                                                                                                                         |   |        |                                |  | <b>Topla klima</b>                           |                                                                                       |                                 |
| Vremensko upravljanje                                                                                                                                                                                                                                     |  |        | 0.95                           |  | Ručno upravljanje                            |  |                                 |
| Centralno upravljanje prema potražnji                                                                                                                                                                                                                     |  |        | 0.85                           |  | Vremensko upravljanje                        |  | 2093 kWh/(100 m <sup>2</sup> a) |
| Upravljanje prema lokalnoj potražnji                                                                                                                                                                                                                      |  |        | 0.65                           |  | Centralno upravljanje prema potražnji        |  | 2106 kWh/(100 m <sup>2</sup> a) |
| Deklarirana količina maksimalnog unutarnjeg propuštanja zraka                                                                                                                                                                                             |                                                                                     |        | 2.85 %                         |  | Upravljanje prema lokalnoj potražnji         |  | 2132 kWh/(100 m <sup>2</sup> a) |
| Deklarirana količina maksimalnog vanjskog propuštanja zraka                                                                                                                                                                                               |                                                                                     |        | 2.85 %                         |  |                                              |                                                                                       |                                 |
| Prenošenje                                                                                                                                                                                                                                                |                                                                                     |        |                                |  |                                              |                                                                                       |                                 |
| Vanjska deklarirana količina propuštanja zraka                                                                                                                                                                                                            |                                                                                     |        |                                |  |                                              |                                                                                       |                                 |
| Stopa miješanja                                                                                                                                                                                                                                           |                                                                                     |        |                                |  |                                              |                                                                                       |                                 |
| Položaj i opis upozorenja za zamjenu filtra:<br>Na opslužnoj jedinici uređaja za ventilaciju izdaje se vizualno upozorenje s uputom "FIL" ili "Zamjena filtra".<br>Redovita zamjena filtra važna je za dugovječnost i higijenu ventilacijske instalacije. |                                                                                     |        |                                |  |                                              |                                                                                       |                                 |
| Uputa (rešetka vanjskog zraka / rešetka odvodnog zraka)                                                                                                                                                                                                   |                                                                                     |        |                                |  |                                              |                                                                                       |                                 |
| Upute za predmontažu / rastavljanje                                                                                                                                                                                                                       |                                                                                     |        | www.viessmann.de/vitovent-erp  |  |                                              |                                                                                       |                                 |
| Osjetljivost na kolebanja tlaka                                                                                                                                                                                                                           |                                                                                     |        |                                |  |                                              |                                                                                       |                                 |
| Nepropusnost između unutra i vani                                                                                                                                                                                                                         |                                                                                     |        |                                |  |                                              |                                                                                       |                                 |

VITOVENT 300-W

Produktdatenblatt Energieeffizienzklasse  
Product datasheet, energy efficiency category

Lüftung  
Ventilation

| HU                                                                                                                                                                                                                                                                                           | Termék                        | Szimbólum | VITOVENT 300-W                 |               | Termék                                | Szimbólum | VITOVENT 300-W     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------|--------------------------------|---------------|---------------------------------------|-----------|--------------------|
| Fajlagos energiafogyasztás (SEC) és fajlagos energiafogyasztási osztályok                                                                                                                                                                                                                    |                               |           |                                |               | Éves villamosenergia-fogyasztás (AEC) |           |                    |
| Átlagos éghajlat                                                                                                                                                                                                                                                                             |                               |           |                                |               | Átlagos éghajlat                      |           |                    |
|                                                                                                                                                                                                                                                                                              | Kéziprogram-szabályzó         | ⌚         |                                |               |                                       | ⌚         |                    |
|                                                                                                                                                                                                                                                                                              | Időprogram-szabályzó          | 🕒         | A                              | -42 kWh/(m²a) |                                       | 🕒         | 215 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                              | Központi igényfüggő szabályzó | 🔄         | A+                             | -43 kWh/(m²a) |                                       | 🔄         | 181 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                              | Helyi igényfüggő szabályzó    | 🔄🔄        | A+                             | -45 kWh/(m²a) |                                       | 🔄🔄        | 124 kWh/(100 m²a)  |
| Hideg éghajlat                                                                                                                                                                                                                                                                               |                               |           |                                |               | Hideg éghajlat                        |           |                    |
|                                                                                                                                                                                                                                                                                              | Kéziprogram-szabályzó         | ⌚         |                                |               |                                       | ⌚         |                    |
|                                                                                                                                                                                                                                                                                              | Időprogram-szabályzó          | 🕒         |                                | -80 kWh/(m²a) |                                       | 🕒         | 752 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                              | Központi igényfüggő szabályzó | 🔄         |                                | -82 kWh/(m²a) |                                       | 🔄         | 718 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                              | Helyi igényfüggő szabályzó    | 🔄🔄        |                                | -84 kWh/(m²a) |                                       | 🔄🔄        | 661 kWh/(100 m²a)  |
| Meleg éghajlat                                                                                                                                                                                                                                                                               |                               |           |                                |               | Meleg éghajlat                        |           |                    |
|                                                                                                                                                                                                                                                                                              | Kéziprogram-szabályzó         | ⌚         |                                |               |                                       | ⌚         |                    |
|                                                                                                                                                                                                                                                                                              | Időprogram-szabályzó          | 🕒         |                                | -17 kWh/(m²a) |                                       | 🕒         | 170 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                              | Központi igényfüggő szabályzó | 🔄         |                                | -18 kWh/(m²a) |                                       | 🔄         | 136 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                              | Helyi igényfüggő szabályzó    | 🔄🔄        |                                | -19 kWh/(m²a) |                                       | 🔄🔄        | 79 kWh/(100 m²a)   |
| Általános típusmeghatározás                                                                                                                                                                                                                                                                  |                               |           | bidirectional ventilation unit |               | Éves fűtési megtakarítás (AHS)        |           |                    |
| Motor és meghajtó                                                                                                                                                                                                                                                                            |                               |           | variable speed                 |               | Átlagos éghajlat                      |           |                    |
| Hővisszanyerő rendszer                                                                                                                                                                                                                                                                       |                               |           | recuperative                   |               |                                       | ⌚         |                    |
| A hővisszanyerés hatékonysága                                                                                                                                                                                                                                                                |                               |           | 91 %                           |               |                                       | 🕒         | 4628 kWh/(100 m²a) |
| Maximális légtömegáram                                                                                                                                                                                                                                                                       |                               |           | 325 m³/h                       |               |                                       | 🔄         | 4657 kWh/(100 m²a) |
| Tényleges felvett teljesítmény maximális légtömegáram mellett                                                                                                                                                                                                                                |                               |           | 145 W                          |               |                                       | 🔄🔄        | 4714 kWh/(100 m²a) |
| Hangteljesítményszint L <sub>WA</sub>                                                                                                                                                                                                                                                        |                               |           | 41 dB                          |               | Hideg éghajlat                        |           |                    |
| Referencia-légáram                                                                                                                                                                                                                                                                           |                               |           | 0.063 m³/s                     |               |                                       | ⌚         |                    |
| Referencia-nyomáskülönbség                                                                                                                                                                                                                                                                   |                               |           | 50 Pa                          |               |                                       | 🕒         | 9054 kWh/(100 m²a) |
| Fajlagos felvett teljesítmény, (SPI)                                                                                                                                                                                                                                                         |                               |           | 0.15 W/m³/h                    |               |                                       | 🔄         | 9110 kWh/(100 m²a) |
| Szabályozási tényező                                                                                                                                                                                                                                                                         |                               |           |                                |               |                                       | 🔄🔄        | 9222 kWh/(100 m²a) |
|                                                                                                                                                                                                                                                                                              | Kéziprogram-szabályzó         | ⌚         |                                |               | Meleg éghajlat                        |           |                    |
|                                                                                                                                                                                                                                                                                              | Időprogram-szabályzó          | 🕒         | 0.95                           |               |                                       | ⌚         |                    |
|                                                                                                                                                                                                                                                                                              | Központi igényfüggő szabályzó | 🔄         | 0.85                           |               |                                       | 🕒         | 2093 kWh/(100 m²a) |
|                                                                                                                                                                                                                                                                                              | Helyi igényfüggő szabályzó    | 🔄🔄        | 0.65                           |               |                                       | 🔄         | 2106 kWh/(100 m²a) |
| Maximális belső szivárgás aránya                                                                                                                                                                                                                                                             |                               |           | 2.85 %                         |               |                                       | 🔄🔄        | 2132 kWh/(100 m²a) |
| Maximális külső szivárgás aránya                                                                                                                                                                                                                                                             |                               |           | 2.85 %                         |               |                                       |           |                    |
| Közetítés                                                                                                                                                                                                                                                                                    |                               |           |                                |               |                                       |           |                    |
| külső szivárgás aránya                                                                                                                                                                                                                                                                       |                               |           |                                |               |                                       |           |                    |
| Keveredési arány                                                                                                                                                                                                                                                                             |                               |           |                                |               |                                       |           |                    |
| A szűrőkre vonatkozó vizuális figyelmeztetés elhelyezkedése és jellemzői:<br>A szellőztetőberendezés kezelőegységén vizuális figyelmeztető üzenet jelenik meg: "FIL" vagy "Szűrőcsere".<br>A rendszeres szűrőcsere fontos szellőztetőberendezése hosszú élettartama és higiéniája érdekében. |                               |           |                                |               |                                       |           |                    |
| Fontos tudnivaló (befűvő-/elszívórács)                                                                                                                                                                                                                                                       |                               |           |                                |               |                                       |           |                    |
| Elő- és szétszerelési útmutató                                                                                                                                                                                                                                                               |                               |           | www.viessmann.de/vitovent-erp  |               |                                       |           |                    |
| Nyomásváltozás-érzékenység                                                                                                                                                                                                                                                                   |                               |           |                                |               |                                       |           |                    |
| Beltéri/kültéri légtömörség                                                                                                                                                                                                                                                                  |                               |           |                                |               |                                       |           |                    |

**VITOVENT 300-W**

Produktdatenblatt Energieeffizienzklasse  
Product datasheet, energy efficiency category

**VIESSMANN**

Lüftung  
Ventilation

| IE                                                                                                                                                                                                                                                                                                     | Product                           | Symbol | VITOVENT 300-W                        |                       | Product                                    | Symbol | VITOVENT 300-W             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------|---------------------------------------|-----------------------|--------------------------------------------|--------|----------------------------|
| <b>Specific energy consumption (SEC) &amp; SEC class</b>                                                                                                                                                                                                                                               |                                   |        |                                       |                       | <b>Annual power consumption (APC)</b>      |        |                            |
| <b>Average climate</b>                                                                                                                                                                                                                                                                                 |                                   |        |                                       |                       | <b>Average climate</b>                     |        |                            |
|                                                                                                                                                                                                                                                                                                        | Manual control                    | ⌚      |                                       |                       |                                            | ⌚      |                            |
|                                                                                                                                                                                                                                                                                                        | Time control                      | 🌙      | <b>A</b>                              | <b>-42 kWh/(m²·a)</b> |                                            | 🌙      | <b>215 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                        | Central demand control            | ⌚      | <b>A+</b>                             | <b>-43 kWh/(m²·a)</b> |                                            | ⌚      | <b>181 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                        | Control according to local demand | ⌚⌚     | <b>A+</b>                             | <b>-45 kWh/(m²·a)</b> |                                            | ⌚⌚     | <b>124 kWh/(100 m²·a)</b>  |
| <b>Cold climate</b>                                                                                                                                                                                                                                                                                    |                                   |        |                                       |                       | <b>Cold climate</b>                        |        |                            |
|                                                                                                                                                                                                                                                                                                        | Manual control                    | ⌚      |                                       |                       |                                            | ⌚      |                            |
|                                                                                                                                                                                                                                                                                                        | Time control                      | 🌙      |                                       | <b>-80 kWh/(m²·a)</b> |                                            | 🌙      | <b>752 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                        | Central demand control            | ⌚      |                                       | <b>-82 kWh/(m²·a)</b> |                                            | ⌚      | <b>718 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                        | Control according to local demand | ⌚⌚     |                                       | <b>-84 kWh/(m²·a)</b> |                                            | ⌚⌚     | <b>661 kWh/(100 m²·a)</b>  |
| <b>Warm climate</b>                                                                                                                                                                                                                                                                                    |                                   |        |                                       |                       | <b>Warm climate</b>                        |        |                            |
|                                                                                                                                                                                                                                                                                                        | Manual control                    | ⌚      |                                       |                       |                                            | ⌚      |                            |
|                                                                                                                                                                                                                                                                                                        | Time control                      | 🌙      |                                       | <b>-17 kWh/(m²·a)</b> |                                            | 🌙      | <b>170 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                        | Central demand control            | ⌚      |                                       | <b>-18 kWh/(m²·a)</b> |                                            | ⌚      | <b>136 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                        | Control according to local demand | ⌚⌚     |                                       | <b>-19 kWh/(m²·a)</b> |                                            | ⌚⌚     | <b>79 kWh/(100 m²·a)</b>   |
| <b>General typology</b>                                                                                                                                                                                                                                                                                |                                   |        | <b>bidirectional ventilation unit</b> |                       | <b>Annual heating energy saving (AHES)</b> |        |                            |
| <b>Motor and drive</b>                                                                                                                                                                                                                                                                                 |                                   |        | <b>variable speed</b>                 |                       | <b>Average climate</b>                     |        |                            |
| <b>Heat recovery system</b>                                                                                                                                                                                                                                                                            |                                   |        | <b>recuperative</b>                   |                       |                                            | ⌚      |                            |
| <b>Rate of temperature change for HR</b>                                                                                                                                                                                                                                                               |                                   |        | <b>91 %</b>                           |                       |                                            | 🌙      | <b>4628 kWh/(100 m²·a)</b> |
| <b>Maximum air flow rate</b>                                                                                                                                                                                                                                                                           |                                   |        | <b>325 m³/h</b>                       |                       |                                            | ⌚      | <b>4657 kWh/(100 m²·a)</b> |
| <b>Effective power input at maximum air flow rate</b>                                                                                                                                                                                                                                                  |                                   |        | <b>145 W</b>                          |                       |                                            | ⌚⌚     | <b>4714 kWh/(100 m²·a)</b> |
| <b>Sound power level L<sub>WA</sub></b>                                                                                                                                                                                                                                                                |                                   |        | <b>41 dB</b>                          |                       | <b>Cold climate</b>                        |        |                            |
| <b>Reference air flow rate</b>                                                                                                                                                                                                                                                                         |                                   |        | <b>0.063 m³/s</b>                     |                       |                                            | ⌚      |                            |
| <b>Reference pressure differential</b>                                                                                                                                                                                                                                                                 |                                   |        | <b>50 Pa</b>                          |                       |                                            | 🌙      | <b>9054 kWh/(100 m²·a)</b> |
| <b>Specific power input (SPI)</b>                                                                                                                                                                                                                                                                      |                                   |        | <b>0.15 W/m³/h</b>                    |                       |                                            | ⌚      | <b>9110 kWh/(100 m²·a)</b> |
| <b>Control factor</b>                                                                                                                                                                                                                                                                                  |                                   |        |                                       |                       |                                            | ⌚⌚     | <b>9222 kWh/(100 m²·a)</b> |
|                                                                                                                                                                                                                                                                                                        | Manual control                    | ⌚      |                                       |                       | <b>Warm climate</b>                        |        |                            |
|                                                                                                                                                                                                                                                                                                        | Time control                      | 🌙      |                                       | <b>0.95</b>           |                                            | ⌚      |                            |
|                                                                                                                                                                                                                                                                                                        | Central demand control            | ⌚      |                                       | <b>0.85</b>           |                                            | 🌙      | <b>2093 kWh/(100 m²·a)</b> |
|                                                                                                                                                                                                                                                                                                        | Control according to local demand | ⌚⌚     |                                       | <b>0.65</b>           |                                            | ⌚      | <b>2106 kWh/(100 m²·a)</b> |
| <b>Maximum internal leakage air rate</b>                                                                                                                                                                                                                                                               |                                   |        | <b>2.85 %</b>                         |                       |                                            | ⌚⌚     | <b>2132 kWh/(100 m²·a)</b> |
| <b>Maximum external leakage air rate</b>                                                                                                                                                                                                                                                               |                                   |        | <b>2.85 %</b>                         |                       |                                            |        |                            |
| <b>Transfer</b>                                                                                                                                                                                                                                                                                        |                                   |        |                                       |                       |                                            |        |                            |
| <b>External leakage air rate</b>                                                                                                                                                                                                                                                                       |                                   |        |                                       |                       |                                            |        |                            |
| <b>Mixing rate</b>                                                                                                                                                                                                                                                                                     |                                   |        |                                       |                       |                                            |        |                            |
| <b>Location and description of filter warning:</b><br>On the programming unit of the ventilation unit, a warning message is shown with the indication "FIL" or "filter change".<br><br>A regular filter change is important for ensuring the hygiene and long service life of your ventilation system. |                                   |        |                                       |                       |                                            |        |                            |
| <b>Note (outdoor air/extract air grille)</b>                                                                                                                                                                                                                                                           |                                   |        |                                       |                       |                                            |        |                            |
| <b>Instructions on pre-installation/dismantling</b>                                                                                                                                                                                                                                                    |                                   |        | <b>www.viessmann.de/vitotent-erp</b>  |                       |                                            |        |                            |
| <b>Sensitivity to pressure variation</b>                                                                                                                                                                                                                                                               |                                   |        |                                       |                       |                                            |        |                            |
| <b>Air tightness between indoors and outdoors</b>                                                                                                                                                                                                                                                      |                                   |        |                                       |                       |                                            |        |                            |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| IT                                                                                                                                                                                                                                                                                                                            | Prodotto                           | Simbolo | VITOVENT 300-W                 |               | Prodotto                               | Simbolo | VITOVENT 300-W     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------|--------------------------------|---------------|----------------------------------------|---------|--------------------|
| Consumo specifico di energia (SEC) & rispettiva classe SEC                                                                                                                                                                                                                                                                    |                                    |         |                                |               | Consumo elettrico annuo (AEC)          |         |                    |
| <b>Clima temperato</b>                                                                                                                                                                                                                                                                                                        |                                    |         |                                |               | <b>Clima temperato</b>                 |         |                    |
|                                                                                                                                                                                                                                                                                                                               | Controllo manuale                  | ⌚       |                                |               |                                        | ⌚       |                    |
|                                                                                                                                                                                                                                                                                                                               | Temporizzatore                     | 🕒       | A                              | -42 kWh/(m²a) |                                        | 🕒       | 215 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale centralizzato | 🌐       | A+                             | -43 kWh/(m²a) |                                        | 🌐       | 181 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale locale        | 🏠🌐      | A+                             | -45 kWh/(m²a) |                                        | 🏠🌐      | 124 kWh/(100 m²a)  |
| <b>Clima freddo</b>                                                                                                                                                                                                                                                                                                           |                                    |         |                                |               | <b>Clima freddo</b>                    |         |                    |
|                                                                                                                                                                                                                                                                                                                               | Controllo manuale                  | ⌚       |                                |               |                                        | ⌚       |                    |
|                                                                                                                                                                                                                                                                                                                               | Temporizzatore                     | 🕒       |                                | -80 kWh/(m²a) |                                        | 🕒       | 752 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale centralizzato | 🌐       |                                | -82 kWh/(m²a) |                                        | 🌐       | 718 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale locale        | 🏠🌐      |                                | -84 kWh/(m²a) |                                        | 🏠🌐      | 661 kWh/(100 m²a)  |
| <b>Clima caldo</b>                                                                                                                                                                                                                                                                                                            |                                    |         |                                |               | <b>Clima caldo</b>                     |         |                    |
|                                                                                                                                                                                                                                                                                                                               | Controllo manuale                  | ⌚       |                                |               |                                        | ⌚       |                    |
|                                                                                                                                                                                                                                                                                                                               | Temporizzatore                     | 🕒       |                                | -17 kWh/(m²a) |                                        | 🕒       | 170 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale centralizzato | 🌐       |                                | -18 kWh/(m²a) |                                        | 🌐       | 136 kWh/(100 m²a)  |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale locale        | 🏠🌐      |                                | -19 kWh/(m²a) |                                        | 🏠🌐      | 79 kWh/(100 m²a)   |
| Tipologia generale                                                                                                                                                                                                                                                                                                            |                                    |         | bidirectional ventilation unit |               | Risparmio di riscaldamento annuo (AHS) |         |                    |
| Motore e azionamento                                                                                                                                                                                                                                                                                                          |                                    |         | variable speed                 |               | <b>Clima temperato</b>                 |         |                    |
| Sistema di recupero termico                                                                                                                                                                                                                                                                                                   |                                    |         | recuperative                   |               |                                        | ⌚       |                    |
| Efficienza termica del recupero di calore                                                                                                                                                                                                                                                                                     |                                    |         | 91 %                           |               |                                        | 🕒       | 4628 kWh/(100 m²a) |
| Portata massima                                                                                                                                                                                                                                                                                                               |                                    |         | 325 m³/h                       |               |                                        | 🌐       | 4657 kWh/(100 m²a) |
| Potenza assorbita effettiva in caso di portata massima                                                                                                                                                                                                                                                                        |                                    |         | 145 W                          |               |                                        | 🏠🌐      | 4714 kWh/(100 m²a) |
| Livello di potenza sonora L <sub>WA</sub>                                                                                                                                                                                                                                                                                     |                                    |         | 41 dB                          |               | <b>Clima freddo</b>                    |         |                    |
| Portata di riferimento                                                                                                                                                                                                                                                                                                        |                                    |         | 0.063 m³/s                     |               |                                        | ⌚       |                    |
| Differenza di pressione di riferimento                                                                                                                                                                                                                                                                                        |                                    |         | 50 Pa                          |               |                                        | 🕒       | 9054 kWh/(100 m²a) |
| Potenza assorbita specifica (SPI)                                                                                                                                                                                                                                                                                             |                                    |         | 0.15 W/m³/h                    |               |                                        | 🌐       | 9110 kWh/(100 m²a) |
| <b>Fattore di controllo</b>                                                                                                                                                                                                                                                                                                   |                                    |         |                                |               |                                        | 🏠🌐      | 9222 kWh/(100 m²a) |
|                                                                                                                                                                                                                                                                                                                               | Controllo manuale                  | ⌚       |                                |               | <b>Clima caldo</b>                     |         |                    |
|                                                                                                                                                                                                                                                                                                                               | Temporizzatore                     | 🕒       | 0.95                           |               |                                        | ⌚       |                    |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale centralizzato | 🌐       | 0.85                           |               |                                        | 🕒       | 2093 kWh/(100 m²a) |
|                                                                                                                                                                                                                                                                                                                               | Controllo ambientale locale        | 🏠🌐      | 0.65                           |               |                                        | 🌐       | 2106 kWh/(100 m²a) |
| Massima percentuale di trafilamento aria interno                                                                                                                                                                                                                                                                              |                                    |         | 2.85 %                         |               |                                        | 🏠🌐      | 2132 kWh/(100 m²a) |
| Massima percentuale di trafilamento aria esterno                                                                                                                                                                                                                                                                              |                                    |         | 2.85 %                         |               |                                        |         |                    |
| Trasmissione                                                                                                                                                                                                                                                                                                                  |                                    |         |                                |               |                                        |         |                    |
| Percentuale di trafilamento aria esterno                                                                                                                                                                                                                                                                                      |                                    |         |                                |               |                                        |         |                    |
| Percentuale di miscela                                                                                                                                                                                                                                                                                                        |                                    |         |                                |               |                                        |         |                    |
| Posizione e descrizione dell'indicatore cambio filtro:<br>Sull'unità di servizio dell'apparecchio di ventilazione viene emessa una segnalazione visiva con l'avvertenza "FIL" o "Sostituzione filtro".<br>La sostituzione filtro periodica è importante per l'igiene e una lunga durata del proprio impianto di ventilazione. |                                    |         |                                |               |                                        |         |                    |
| Avvertenza (griglia aria esterna/aria di ripresa)                                                                                                                                                                                                                                                                             |                                    |         |                                |               |                                        |         |                    |
| Istruzioni per il premontaggio/smontaggio dei singoli componenti                                                                                                                                                                                                                                                              |                                    |         | www.viessmann.de/vitovent-erp  |               |                                        |         |                    |
| Sensibilità alle variazioni di pressione                                                                                                                                                                                                                                                                                      |                                    |         |                                |               |                                        |         |                    |
| Ermeticità interno/esterno                                                                                                                                                                                                                                                                                                    |                                    |         |                                |               |                                        |         |                    |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| LT                                                                                                                    | Produktas                     | Simbolis                                                                            | VITOVENT 300-W                        |                      | Produktas                                               | Simbolis                      | VITOVENT 300-W                                                                        |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|----------------------|---------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------|
| Savitasis energijos suvartojimas (SEC) ir SEC klasė                                                                   |                               |                                                                                     |                                       |                      | Metinis suvartojamos elektros energijos (AEC) kiekis    |                               |                                                                                       |
| <b>Vidutinis klimatas</b>                                                                                             |                               |                                                                                     |                                       |                      | <b>Vidutinis klimatas</b>                               |                               |                                                                                       |
|                                                                                                                       | Rankinis valdiklis            |    |                                       |                      |                                                         | Rankinis valdiklis            |    |
|                                                                                                                       | Laikrodinis valdiklis         |    | <b>A</b>                              | <b>-42 kWh/(m²a)</b> |                                                         | Laikrodinis valdiklis         |    |
|                                                                                                                       | Centrinis paklausos valdiklis |    | <b>A+</b>                             | <b>-43 kWh/(m²a)</b> |                                                         | Centrinis paklausos valdiklis |    |
|                                                                                                                       | Vietinis paklausos valdiklis  |    | <b>A+</b>                             | <b>-45 kWh/(m²a)</b> |                                                         | Vietinis paklausos valdiklis  |    |
| <b>Šaltas klimatas</b>                                                                                                |                               |                                                                                     |                                       |                      | <b>Šaltas klimatas</b>                                  |                               |                                                                                       |
|                                                                                                                       | Rankinis valdiklis            |    |                                       |                      |                                                         | Rankinis valdiklis            |    |
|                                                                                                                       | Laikrodinis valdiklis         |    |                                       | <b>-80 kWh/(m²a)</b> |                                                         | Laikrodinis valdiklis         |    |
|                                                                                                                       | Centrinis paklausos valdiklis |    |                                       | <b>-82 kWh/(m²a)</b> |                                                         | Centrinis paklausos valdiklis |    |
|                                                                                                                       | Vietinis paklausos valdiklis  |    |                                       | <b>-84 kWh/(m²a)</b> |                                                         | Vietinis paklausos valdiklis  |    |
| <b>Šiltas klimatas</b>                                                                                                |                               |                                                                                     |                                       |                      | <b>Šiltas klimatas</b>                                  |                               |                                                                                       |
|                                                                                                                       | Rankinis valdiklis            |    |                                       |                      |                                                         | Rankinis valdiklis            |    |
|                                                                                                                       | Laikrodinis valdiklis         |    |                                       | <b>-17 kWh/(m²a)</b> |                                                         | Laikrodinis valdiklis         |    |
|                                                                                                                       | Centrinis paklausos valdiklis |    |                                       | <b>-18 kWh/(m²a)</b> |                                                         | Centrinis paklausos valdiklis |    |
|                                                                                                                       | Vietinis paklausos valdiklis  |    |                                       | <b>-19 kWh/(m²a)</b> |                                                         | Vietinis paklausos valdiklis  |    |
| Bendroji tipologija                                                                                                   |                               |                                                                                     | <b>bidirectional ventilation unit</b> |                      | <b>Metinis sutaupyto šildymo energijos kiekis (AHS)</b> |                               |                                                                                       |
| Variklis ir pavara                                                                                                    |                               |                                                                                     | <b>variable speed</b>                 |                      | <b>Vidutinis klimatas</b>                               |                               |                                                                                       |
| Šilumos rekuperacijos sistema                                                                                         |                               |                                                                                     | <b>recuperative</b>                   |                      |                                                         | Rankinis valdiklis            |    |
| ŠRL šiluminis naudingumas                                                                                             |                               |                                                                                     | <b>91 %</b>                           |                      |                                                         | Laikrodinis valdiklis         |    |
| Didžiausias oro debitas                                                                                               |                               |                                                                                     | <b>325 m³/h</b>                       |                      |                                                         | Centrinis paklausos valdiklis |    |
| Faktinė įėjimo galia esant didžiausiam oro debitui                                                                    |                               |                                                                                     | <b>145 W</b>                          |                      |                                                         | Vietinis paklausos valdiklis  |    |
| Garso galios lygis L <sub>WA</sub>                                                                                    |                               |                                                                                     | <b>41 dB</b>                          |                      | <b>Šaltas klimatas</b>                                  |                               |                                                                                       |
| Atskaitos oro debitas                                                                                                 |                               |                                                                                     | <b>0.063 m³/s</b>                     |                      |                                                         | Rankinis valdiklis            |    |
| Atskaitos slėgio skirtumas                                                                                            |                               |                                                                                     | <b>50 Pa</b>                          |                      |                                                         | Laikrodinis valdiklis         |    |
| Savitoji įėjimo galia (SPI)                                                                                           |                               |                                                                                     | <b>0.15 W/m³/h</b>                    |                      |                                                         | Centrinis paklausos valdiklis |    |
| <b>Valdiklio faktorius</b>                                                                                            |                               |                                                                                     |                                       |                      |                                                         | Vietinis paklausos valdiklis  |    |
|                                                                                                                       | Rankinis valdiklis            |   |                                       |                      | <b>Šiltas klimatas</b>                                  |                               |                                                                                       |
|                                                                                                                       | Laikrodinis valdiklis         |  | <b>0.95</b>                           |                      |                                                         | Rankinis valdiklis            |  |
|                                                                                                                       | Centrinis paklausos valdiklis |  | <b>0.85</b>                           |                      |                                                         | Laikrodinis valdiklis         |  |
|                                                                                                                       | Vietinis paklausos valdiklis  |  | <b>0.65</b>                           |                      |                                                         | Centrinis paklausos valdiklis |  |
| Didžiausias vidinio nuotėkio lygis                                                                                    |                               |                                                                                     | <b>2.85 %</b>                         |                      |                                                         | Vietinis paklausos valdiklis  |  |
| Didžiausias išorinio nuotėkio lygis                                                                                   |                               |                                                                                     | <b>2.85 %</b>                         |                      |                                                         |                               |                                                                                       |
| Perkeltoji dalis                                                                                                      |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Išorinio nuotėkio lygis                                                                                               |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Maišymosi lygis                                                                                                       |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Įspėjimo dėl filtro keitimo padėtis ir aprašymas:                                                                     |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Vėdinimo prietaiso valdymo mazge išvedamas vizualinis įspėjamasis pranešimas su nuoroda „FIL“ arba „Filtrų keitimas“. |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Reguliariai keisti filtrus svarbu, kad Jūsų vėdinimo sistema veiktų ilgai ir higieniškai.                             |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Nuoroda (lauko oro / išmetamojo oro grotelės)                                                                         |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Surinkimo / išrinkimo instrukcijos                                                                                    |                               |                                                                                     | <b>www.viessmann.de/vitovent-erp</b>  |                      |                                                         |                               |                                                                                       |
| Jautrumas slėgio pokyčiams                                                                                            |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |
| Nelaidumas orui tarp vidaus ir išorės                                                                                 |                               |                                                                                     |                                       |                      |                                                         |                               |                                                                                       |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| LU                                                                                                                                                                                                                                                                              | Produkt                                                                             | Symbol | VITOVENT 300-W                 |  | Produkt                                   | Symbol                                                                                | VITOVENT 300-W     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------|--|-------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
| Spezifischer Energieverbrauch (SEV) & SEV-Klasse                                                                                                                                                                                                                                |                                                                                     |        |                                |  | Jährlicher Stromverbrauch (JSV)           |                                                                                       |                    |
| <b>Durchschnittliches Klima</b>                                                                                                                                                                                                                                                 |                                                                                     |        |                                |  | <b>Durchschnittliches Klima</b>           |                                                                                       |                    |
| Handsteuerung                                                                                                                                                                                                                                                                   |    |        |                                |  | Handsteuerung                             |    |                    |
| Zeitsteuerung                                                                                                                                                                                                                                                                   |    | A      | -42 kWh/(m²a)                  |  | Zeitsteuerung                             |    | 215 kWh/(100 m²a)  |
| Zentrale Bedarfssteuerung                                                                                                                                                                                                                                                       |    | A+     | -43 kWh/(m²a)                  |  | Zentrale Bedarfssteuerung                 |    | 181 kWh/(100 m²a)  |
| Steuerung nach örtlichem Bedarf                                                                                                                                                                                                                                                 |    | A+     | -45 kWh/(m²a)                  |  | Steuerung nach örtlichem Bedarf           |    | 124 kWh/(100 m²a)  |
| <b>Kaltes Klima</b>                                                                                                                                                                                                                                                             |                                                                                     |        |                                |  | <b>Kaltes Klima</b>                       |                                                                                       |                    |
| Handsteuerung                                                                                                                                                                                                                                                                   |    |        |                                |  | Handsteuerung                             |    |                    |
| Zeitsteuerung                                                                                                                                                                                                                                                                   |    |        | -80 kWh/(m²a)                  |  | Zeitsteuerung                             |    | 752 kWh/(100 m²a)  |
| Zentrale Bedarfssteuerung                                                                                                                                                                                                                                                       |    |        | -82 kWh/(m²a)                  |  | Zentrale Bedarfssteuerung                 |    | 718 kWh/(100 m²a)  |
| Steuerung nach örtlichem Bedarf                                                                                                                                                                                                                                                 |    |        | -84 kWh/(m²a)                  |  | Steuerung nach örtlichem Bedarf           |    | 661 kWh/(100 m²a)  |
| <b>Warmes Klima</b>                                                                                                                                                                                                                                                             |                                                                                     |        |                                |  | <b>Warmes Klima</b>                       |                                                                                       |                    |
| Handsteuerung                                                                                                                                                                                                                                                                   |    |        |                                |  | Handsteuerung                             |    |                    |
| Zeitsteuerung                                                                                                                                                                                                                                                                   |    |        | -17 kWh/(m²a)                  |  | Zeitsteuerung                             |    | 170 kWh/(100 m²a)  |
| Zentrale Bedarfssteuerung                                                                                                                                                                                                                                                       |    |        | -18 kWh/(m²a)                  |  | Zentrale Bedarfssteuerung                 |    | 136 kWh/(100 m²a)  |
| Steuerung nach örtlichem Bedarf                                                                                                                                                                                                                                                 |    |        | -19 kWh/(m²a)                  |  | Steuerung nach örtlichem Bedarf           |    | 79 kWh/(100 m²a)   |
| Allgemeine Typologie                                                                                                                                                                                                                                                            |                                                                                     |        | bidirectional ventilation unit |  | Jährliche Einsparung an Heizenergie (JEH) |                                                                                       |                    |
| Motor und Antrieb                                                                                                                                                                                                                                                               |                                                                                     |        | variable speed                 |  | <b>Durchschnittliches Klima</b>           |                                                                                       |                    |
| Wärmerückgewinnungssystem                                                                                                                                                                                                                                                       |                                                                                     |        | recuperative                   |  | Handsteuerung                             |    |                    |
| Temperaturänderungsgrad der WRG                                                                                                                                                                                                                                                 |                                                                                     |        | 91 %                           |  | Zeitsteuerung                             |    | 4628 kWh/(100 m²a) |
| Höchster Luftvolumenstrom                                                                                                                                                                                                                                                       |                                                                                     |        | 325 m³/h                       |  | Zentrale Bedarfssteuerung                 |    | 4657 kWh/(100 m²a) |
| Effektive Eingangsleistung bei höchstem Luftvolumenstrom                                                                                                                                                                                                                        |                                                                                     |        | 145 W                          |  | Steuerung nach örtlichem Bedarf           |    | 4714 kWh/(100 m²a) |
| Schalleistungspegel L <sub>WA</sub>                                                                                                                                                                                                                                             |                                                                                     |        | 41 dB                          |  | <b>Kaltes Klima</b>                       |                                                                                       |                    |
| Bezugs-Luftvolumenstrom                                                                                                                                                                                                                                                         |                                                                                     |        | 0.063 m³/s                     |  | Handsteuerung                             |    |                    |
| Bezugsdruckdifferenz                                                                                                                                                                                                                                                            |                                                                                     |        | 50 Pa                          |  | Zeitsteuerung                             |    | 9054 kWh/(100 m²a) |
| Spezifische Eingangsleistung (SEL)                                                                                                                                                                                                                                              |                                                                                     |        | 0.15 W/m³/h                    |  | Zentrale Bedarfssteuerung                 |    | 9110 kWh/(100 m²a) |
| <b>Steuerungsfaktor</b>                                                                                                                                                                                                                                                         |                                                                                     |        |                                |  | Steuerung nach örtlichem Bedarf           |    | 9222 kWh/(100 m²a) |
| Handsteuerung                                                                                                                                                                                                                                                                   |   |        |                                |  | <b>Warmes Klima</b>                       |                                                                                       |                    |
| Zeitsteuerung                                                                                                                                                                                                                                                                   |  | 0.95   |                                |  | Handsteuerung                             |  |                    |
| Zentrale Bedarfssteuerung                                                                                                                                                                                                                                                       |  | 0.85   |                                |  | Zeitsteuerung                             |  | 2093 kWh/(100 m²a) |
| Steuerung nach örtlichem Bedarf                                                                                                                                                                                                                                                 |  | 0.65   |                                |  | Zentrale Bedarfssteuerung                 |  | 2106 kWh/(100 m²a) |
| Maximale innere Leckluftquote                                                                                                                                                                                                                                                   |                                                                                     |        | 2.85 %                         |  | Steuerung nach örtlichem Bedarf           |  | 2132 kWh/(100 m²a) |
| Maximale externe Leckluftquote                                                                                                                                                                                                                                                  |                                                                                     |        | 2.85 %                         |  |                                           |                                                                                       |                    |
| Übertragung                                                                                                                                                                                                                                                                     |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| externe Leckluftquote                                                                                                                                                                                                                                                           |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Mischquote                                                                                                                                                                                                                                                                      |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Lage und Beschreibung der Filterwarnung:<br>An der Bedieneinheit des Lüftungsgeräts wird eine visuelle Warnmeldung mit dem Hinweis "FIL" oder "Filterwechsel" ausgegeben.<br>Ein regelmäßiger Filterwechsel ist wichtig für die Langlebigkeit und Hygiene Ihrer Lüftungsanlage. |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Hinweis (Außenluft-/Abluftgitter)                                                                                                                                                                                                                                               |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Anweisungen zur Vormontage/Zerlegung                                                                                                                                                                                                                                            |                                                                                     |        | www.viessmann.de/vitavent-erp  |  |                                           |                                                                                       |                    |
| Druckschwankungsempfindlichkeit                                                                                                                                                                                                                                                 |                                                                                     |        |                                |  |                                           |                                                                                       |                    |
| Luftdichtheit zwischen innen und außen                                                                                                                                                                                                                                          |                                                                                     |        |                                |  |                                           |                                                                                       |                    |

| LV                                                                                                            | Produkts                            | Simbols | VITOVENT 300-W                 |               | Produkts                             | Simbols | VITOVENT 300-W     |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|--------------------------------|---------------|--------------------------------------|---------|--------------------|
| Īpatnējais enerģijas patēriņš (ĪEP) un ĪEP klase                                                              |                                     |         |                                |               | Gada elektroenerģijas patēriņš (GEP) |         |                    |
| <b>Vidējs klimats</b>                                                                                         |                                     |         |                                |               | <b>Vidējs klimats</b>                |         |                    |
|                                                                                                               | Manuālā vadība                      | ⌚       |                                |               |                                      | ⌚       |                    |
|                                                                                                               | Laika vadība                        | 🕒       | A                              | -42 kWh/(m²a) |                                      | 🕒       | 215 kWh/(100 m²a)  |
|                                                                                                               | Centrālā pieprasījuma vadība        | 🔄       | A+                             | -43 kWh/(m²a) |                                      | 🔄       | 181 kWh/(100 m²a)  |
|                                                                                                               | Vadība pēc vietējās nepieciešamības | 🔄🔄      | A+                             | -45 kWh/(m²a) |                                      | 🔄🔄      | 124 kWh/(100 m²a)  |
| <b>Auksts klimats</b>                                                                                         |                                     |         |                                |               | <b>Auksts klimats</b>                |         |                    |
|                                                                                                               | Manuālā vadība                      | ⌚       |                                |               |                                      | ⌚       |                    |
|                                                                                                               | Laika vadība                        | 🕒       |                                | -80 kWh/(m²a) |                                      | 🕒       | 752 kWh/(100 m²a)  |
|                                                                                                               | Centrālā pieprasījuma vadība        | 🔄       |                                | -82 kWh/(m²a) |                                      | 🔄       | 718 kWh/(100 m²a)  |
|                                                                                                               | Vadība pēc vietējās nepieciešamības | 🔄🔄      |                                | -84 kWh/(m²a) |                                      | 🔄🔄      | 661 kWh/(100 m²a)  |
| <b>Silts klimats</b>                                                                                          |                                     |         |                                |               | <b>Silts klimats</b>                 |         |                    |
|                                                                                                               | Manuālā vadība                      | ⌚       |                                |               |                                      | ⌚       |                    |
|                                                                                                               | Laika vadība                        | 🕒       |                                | -17 kWh/(m²a) |                                      | 🕒       | 170 kWh/(100 m²a)  |
|                                                                                                               | Centrālā pieprasījuma vadība        | 🔄       |                                | -18 kWh/(m²a) |                                      | 🔄       | 136 kWh/(100 m²a)  |
|                                                                                                               | Vadība pēc vietējās nepieciešamības | 🔄🔄      |                                | -19 kWh/(m²a) |                                      | 🔄🔄      | 79 kWh/(100 m²a)   |
| Vispārējā tipoloģija                                                                                          |                                     |         | bidirectional ventilation unit |               | Gada apsildes ietaupījums (GAI)      |         |                    |
| Motors un piedziņa                                                                                            |                                     |         | variable speed                 |               | <b>Vidējs klimats</b>                |         |                    |
| Rekuperācijas sistēmas                                                                                        |                                     |         | recuperative                   |               |                                      | ⌚       |                    |
| Rekuperācijas (WRG) temperatūras izmaiņu līmenis                                                              |                                     |         | 91 %                           |               |                                      | 🕒       | 4628 kWh/(100 m²a) |
| Augstākā gaisa tilpuma plūsma                                                                                 |                                     |         | 325 m³/h                       |               |                                      | 🔄       | 4657 kWh/(100 m²a) |
| Gaisa tilpuma plūsmas efektīva ieejas jauda                                                                   |                                     |         | 145 W                          |               |                                      | 🔄🔄      | 4714 kWh/(100 m²a) |
| Skaņas jaudas līmenis L <sub>WA</sub>                                                                         |                                     |         | 41 dB                          |               | <b>Auksts klimats</b>                |         |                    |
| Atsauces gaisa tilpuma plūsma                                                                                 |                                     |         | 0.063 m³/s                     |               |                                      | ⌚       |                    |
| Atsauces spiedienu starpība                                                                                   |                                     |         | 50 Pa                          |               |                                      | 🕒       | 9054 kWh/(100 m²a) |
| Specifiska ieejas jauda (SEL)                                                                                 |                                     |         | 0.15 W/m³/h                    |               |                                      | 🔄       | 9110 kWh/(100 m²a) |
| <b>Vadības faktors</b>                                                                                        |                                     |         |                                |               |                                      | 🔄🔄      | 9222 kWh/(100 m²a) |
|                                                                                                               | Manuālā vadība                      | ⌚       |                                |               | <b>Silts klimats</b>                 |         |                    |
|                                                                                                               | Laika vadība                        | 🕒       | 0.95                           |               |                                      | ⌚       |                    |
|                                                                                                               | Centrālā pieprasījuma vadība        | 🔄       | 0.85                           |               |                                      | 🕒       | 2093 kWh/(100 m²a) |
|                                                                                                               | Vadība pēc vietējās nepieciešamības | 🔄🔄      | 0.65                           |               |                                      | 🔄       | 2106 kWh/(100 m²a) |
| Maksimālais iekšējais gaisa noplūdes ātrums                                                                   |                                     |         | 2.85 %                         |               |                                      | 🔄🔄      | 2132 kWh/(100 m²a) |
| Maksimālais ārējais gaisa noplūdes ātrums                                                                     |                                     |         | 2.85 %                         |               |                                      |         |                    |
| Pārnese                                                                                                       |                                     |         |                                |               |                                      |         |                    |
| Ārējais gaisa noplūdes ātrums                                                                                 |                                     |         |                                |               |                                      |         |                    |
| Jaukta attiecība                                                                                              |                                     |         |                                |               |                                      |         |                    |
| Filtra brīdinājuma vieta un apraksts:                                                                         |                                     |         |                                |               |                                      |         |                    |
| Ventilācijas ierīces vadības panelis uzrādīs vizuālu brīdinājuma ziņojumu ar norādi "FIL" vai "Filtra maiņa". |                                     |         |                                |               |                                      |         |                    |
| Regulāra filtra maiņa ir svarīga, lai nodrošinātu ventilācijas iekārtas ilgmūžību un higiēnu.                 |                                     |         |                                |               |                                      |         |                    |
| Norāde (āra gaisa-/izmantotā gaisa režģis)                                                                    |                                     |         |                                |               |                                      |         |                    |
| Iepriekšējās montāžas/izjaukšanas norādes                                                                     |                                     |         | www.viessmann.de/vitovent-erp  |               |                                      |         |                    |
| Spiediena svārstību jutība                                                                                    |                                     |         |                                |               |                                      |         |                    |
| Hermētiskums starp iekšpusi un ārpusi                                                                         |                                     |         |                                |               |                                      |         |                    |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| MT                                                                                                                                                                                                                                                                                          | Product                                                                             | Symbol | VITOVENT 300-W                 |                            | Product                             | Symbol                                                                                | VITOVENT 300-W                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------|----------------------------|-------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|
| Specific energy consumption (SEC) & SEC class                                                                                                                                                                                                                                               |                                                                                     |        |                                |                            | Annual power consumption (APC)      |                                                                                       |                                 |
| <b>Average climate</b>                                                                                                                                                                                                                                                                      |                                                                                     |        |                                |                            | <b>Average climate</b>              |                                                                                       |                                 |
| Manual control                                                                                                                                                                                                                                                                              |    |        |                                |                            | Manual control                      |    |                                 |
| Time control                                                                                                                                                                                                                                                                                |    | A      |                                | -42 kWh/(m <sup>2</sup> a) | Time control                        |    | 215 kWh/(100 m <sup>2</sup> a)  |
| Central demand control                                                                                                                                                                                                                                                                      |    | A+     |                                | -43 kWh/(m <sup>2</sup> a) | Central demand control              |    | 181 kWh/(100 m <sup>2</sup> a)  |
| Control according to local demand                                                                                                                                                                                                                                                           |    | A+     |                                | -45 kWh/(m <sup>2</sup> a) | Control according to local demand   |    | 124 kWh/(100 m <sup>2</sup> a)  |
| <b>Cold climate</b>                                                                                                                                                                                                                                                                         |                                                                                     |        |                                |                            | <b>Cold climate</b>                 |                                                                                       |                                 |
| Manual control                                                                                                                                                                                                                                                                              |    |        |                                |                            | Manual control                      |    |                                 |
| Time control                                                                                                                                                                                                                                                                                |    |        |                                | -80 kWh/(m <sup>2</sup> a) | Time control                        |    | 752 kWh/(100 m <sup>2</sup> a)  |
| Central demand control                                                                                                                                                                                                                                                                      |    |        |                                | -82 kWh/(m <sup>2</sup> a) | Central demand control              |    | 718 kWh/(100 m <sup>2</sup> a)  |
| Control according to local demand                                                                                                                                                                                                                                                           |    |        |                                | -84 kWh/(m <sup>2</sup> a) | Control according to local demand   |    | 661 kWh/(100 m <sup>2</sup> a)  |
| <b>Warm climate</b>                                                                                                                                                                                                                                                                         |                                                                                     |        |                                |                            | <b>Warm climate</b>                 |                                                                                       |                                 |
| Manual control                                                                                                                                                                                                                                                                              |    |        |                                |                            | Manual control                      |    |                                 |
| Time control                                                                                                                                                                                                                                                                                |    |        |                                | -17 kWh/(m <sup>2</sup> a) | Time control                        |    | 170 kWh/(100 m <sup>2</sup> a)  |
| Central demand control                                                                                                                                                                                                                                                                      |    |        |                                | -18 kWh/(m <sup>2</sup> a) | Central demand control              |    | 136 kWh/(100 m <sup>2</sup> a)  |
| Control according to local demand                                                                                                                                                                                                                                                           |    |        |                                | -19 kWh/(m <sup>2</sup> a) | Control according to local demand   |    | 79 kWh/(100 m <sup>2</sup> a)   |
| General typology                                                                                                                                                                                                                                                                            |                                                                                     |        | bidirectional ventilation unit |                            | Annual heating energy saving (AHES) |                                                                                       |                                 |
| Motor and drive                                                                                                                                                                                                                                                                             |                                                                                     |        | variable speed                 |                            | <b>Average climate</b>              |                                                                                       |                                 |
| Heat recovery system                                                                                                                                                                                                                                                                        |                                                                                     |        | recuperative                   |                            | Manual control                      |    |                                 |
| Rate of temperature change for HR                                                                                                                                                                                                                                                           |                                                                                     |        | 91 %                           |                            | Time control                        |    | 4628 kWh/(100 m <sup>2</sup> a) |
| Maximum air flow rate                                                                                                                                                                                                                                                                       |                                                                                     |        | 325 m <sup>3</sup> /h          |                            | Central demand control              |    | 4657 kWh/(100 m <sup>2</sup> a) |
| Effective power input at maximum air flow rate                                                                                                                                                                                                                                              |                                                                                     |        | 145 W                          |                            | Control according to local demand   |    | 4714 kWh/(100 m <sup>2</sup> a) |
| Sound power level L <sub>WA</sub>                                                                                                                                                                                                                                                           |                                                                                     |        | 41 dB                          |                            | <b>Cold climate</b>                 |                                                                                       |                                 |
| Reference air flow rate                                                                                                                                                                                                                                                                     |                                                                                     |        | 0.063 m <sup>3</sup> /s        |                            | Manual control                      |    |                                 |
| Reference pressure differential                                                                                                                                                                                                                                                             |                                                                                     |        | 50 Pa                          |                            | Time control                        |    | 9054 kWh/(100 m <sup>2</sup> a) |
| Specific power input (SPI)                                                                                                                                                                                                                                                                  |                                                                                     |        | 0.15 W/m <sup>3</sup> /h       |                            | Central demand control              |    | 9110 kWh/(100 m <sup>2</sup> a) |
| <b>Control factor</b>                                                                                                                                                                                                                                                                       |                                                                                     |        |                                |                            | Control according to local demand   |    | 9222 kWh/(100 m <sup>2</sup> a) |
| Manual control                                                                                                                                                                                                                                                                              |   |        |                                |                            | <b>Warm climate</b>                 |                                                                                       |                                 |
| Time control                                                                                                                                                                                                                                                                                |  |        | 0.95                           |                            | Manual control                      |  |                                 |
| Central demand control                                                                                                                                                                                                                                                                      |  |        | 0.85                           |                            | Time control                        |  | 2093 kWh/(100 m <sup>2</sup> a) |
| Control according to local demand                                                                                                                                                                                                                                                           |  |        | 0.65                           |                            | Central demand control              |  | 2106 kWh/(100 m <sup>2</sup> a) |
| Maximum internal leakage air rate                                                                                                                                                                                                                                                           |                                                                                     |        | 2.85 %                         |                            | Control according to local demand   |  | 2132 kWh/(100 m <sup>2</sup> a) |
| Maximum external leakage air rate                                                                                                                                                                                                                                                           |                                                                                     |        | 2.85 %                         |                            |                                     |                                                                                       |                                 |
| Transfer                                                                                                                                                                                                                                                                                    |                                                                                     |        |                                |                            |                                     |                                                                                       |                                 |
| External leakage air rate                                                                                                                                                                                                                                                                   |                                                                                     |        |                                |                            |                                     |                                                                                       |                                 |
| Mixing rate                                                                                                                                                                                                                                                                                 |                                                                                     |        |                                |                            |                                     |                                                                                       |                                 |
| Location and description of filter warning:<br>On the programming unit of the ventilation unit, a warning message is shown with the indication "FIL" or "filter change".<br>A regular filter change is important for ensuring the hygiene and long service life of your ventilation system. |                                                                                     |        |                                |                            |                                     |                                                                                       |                                 |
| Note (outdoor air/extract air grille)                                                                                                                                                                                                                                                       |                                                                                     |        |                                |                            |                                     |                                                                                       |                                 |
| Instructions on pre-installation/dismantling                                                                                                                                                                                                                                                |                                                                                     |        | www.viessmann.de/vitovent-erp  |                            |                                     |                                                                                       |                                 |
| Sensitivity to pressure variation                                                                                                                                                                                                                                                           |                                                                                     |        |                                |                            |                                     |                                                                                       |                                 |
| Air tightness between indoors and outdoors                                                                                                                                                                                                                                                  |                                                                                     |        |                                |                            |                                     |                                                                                       |                                 |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| NL                                                                                                                                                                                                                                                                                                             | Product                                | Symbool | VITOVENT 300-W                        |                       | Product                                        | Symbool | VITOVENT 300-W             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------|---------------------------------------|-----------------------|------------------------------------------------|---------|----------------------------|
| <b>Specifiek energieverbruik (SEC) &amp; SEC klassen</b>                                                                                                                                                                                                                                                       |                                        |         |                                       |                       | <b>Jaarlijkse elektriciteitsverbruik (AEC)</b> |         |                            |
| <b>Gemiddeld klimaat</b>                                                                                                                                                                                                                                                                                       |                                        |         |                                       |                       | <b>Gemiddeld klimaat</b>                       |         |                            |
|                                                                                                                                                                                                                                                                                                                | Handmatige regeling                    | Ⓜ       |                                       |                       |                                                | Ⓜ       |                            |
|                                                                                                                                                                                                                                                                                                                | Tijdgestuurde regeling                 | Ⓢ       | <b>A</b>                              | <b>-42 kWh/(m²·a)</b> |                                                | Ⓢ       | <b>215 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                | Centrale behoefteregeling              | Ⓢ       | <b>A+</b>                             | <b>-43 kWh/(m²·a)</b> |                                                | Ⓢ       | <b>181 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                | Regeling volgens plaatselijke behoefte | ⓈⓈ      | <b>A+</b>                             | <b>-45 kWh/(m²·a)</b> |                                                | ⓈⓈ      | <b>124 kWh/(100 m²·a)</b>  |
| <b>Koud klimaat</b>                                                                                                                                                                                                                                                                                            |                                        |         |                                       |                       | <b>Koud klimaat</b>                            |         |                            |
|                                                                                                                                                                                                                                                                                                                | Handmatige regeling                    | Ⓜ       |                                       |                       |                                                | Ⓜ       |                            |
|                                                                                                                                                                                                                                                                                                                | Tijdgestuurde regeling                 | Ⓢ       |                                       | <b>-80 kWh/(m²·a)</b> |                                                | Ⓢ       | <b>752 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                | Centrale behoefteregeling              | Ⓢ       |                                       | <b>-82 kWh/(m²·a)</b> |                                                | Ⓢ       | <b>718 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                | Regeling volgens plaatselijke behoefte | ⓈⓈ      |                                       | <b>-84 kWh/(m²·a)</b> |                                                | ⓈⓈ      | <b>661 kWh/(100 m²·a)</b>  |
| <b>Warm klimaat</b>                                                                                                                                                                                                                                                                                            |                                        |         |                                       |                       | <b>Warm klimaat</b>                            |         |                            |
|                                                                                                                                                                                                                                                                                                                | Handmatige regeling                    | Ⓜ       |                                       |                       |                                                | Ⓜ       |                            |
|                                                                                                                                                                                                                                                                                                                | Tijdgestuurde regeling                 | Ⓢ       |                                       | <b>-17 kWh/(m²·a)</b> |                                                | Ⓢ       | <b>170 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                | Centrale behoefteregeling              | Ⓢ       |                                       | <b>-18 kWh/(m²·a)</b> |                                                | Ⓢ       | <b>136 kWh/(100 m²·a)</b>  |
|                                                                                                                                                                                                                                                                                                                | Regeling volgens plaatselijke behoefte | ⓈⓈ      |                                       | <b>-19 kWh/(m²·a)</b> |                                                | ⓈⓈ      | <b>79 kWh/(100 m²·a)</b>   |
| Algemene typologie                                                                                                                                                                                                                                                                                             |                                        |         | <b>bidirectional ventilation unit</b> |                       | <b>Jaarlijks bespaarde verwarming (AHS)</b>    |         |                            |
| Motor en aandrijving                                                                                                                                                                                                                                                                                           |                                        |         | <b>variable speed</b>                 |                       | <b>Gemiddeld klimaat</b>                       |         |                            |
| Systeem warmteterugwinning                                                                                                                                                                                                                                                                                     |                                        |         | <b>recuperative</b>                   |                       |                                                | Ⓜ       |                            |
| Temperatuurveranderingsgraad van de warmteterugwinning                                                                                                                                                                                                                                                         |                                        |         | <b>91 %</b>                           |                       |                                                | Ⓢ       | <b>4628 kWh/(100 m²·a)</b> |
| Maximale luchtdebiet                                                                                                                                                                                                                                                                                           |                                        |         | <b>325 m³/h</b>                       |                       |                                                | Ⓢ       | <b>4657 kWh/(100 m²·a)</b> |
| Effectief ingangsvermogen bij maximaal luchtdebiet                                                                                                                                                                                                                                                             |                                        |         | <b>145 W</b>                          |                       |                                                | ⓈⓈ      | <b>4714 kWh/(100 m²·a)</b> |
| Geluidsniveau L <sub>WA</sub>                                                                                                                                                                                                                                                                                  |                                        |         | <b>41 dB</b>                          |                       | <b>Koud klimaat</b>                            |         |                            |
| Referentie-luchtdebiet                                                                                                                                                                                                                                                                                         |                                        |         | <b>0.063 m³/s</b>                     |                       |                                                | Ⓜ       |                            |
| Referentie-drukverschil                                                                                                                                                                                                                                                                                        |                                        |         | <b>50 Pa</b>                          |                       |                                                | Ⓢ       | <b>9054 kWh/(100 m²·a)</b> |
| Specifiek ingangsvermogen                                                                                                                                                                                                                                                                                      |                                        |         | <b>0.15 W/m³/h</b>                    |                       |                                                | Ⓢ       | <b>9110 kWh/(100 m²·a)</b> |
| <b>Regelingsfactor</b>                                                                                                                                                                                                                                                                                         |                                        |         |                                       |                       |                                                | ⓈⓈ      | <b>9222 kWh/(100 m²·a)</b> |
|                                                                                                                                                                                                                                                                                                                | Handmatige regeling                    | Ⓜ       |                                       |                       | <b>Warm klimaat</b>                            |         |                            |
|                                                                                                                                                                                                                                                                                                                | Tijdgestuurde regeling                 | Ⓢ       | <b>0.95</b>                           |                       |                                                | Ⓜ       |                            |
|                                                                                                                                                                                                                                                                                                                | Centrale behoefteregeling              | Ⓢ       | <b>0.85</b>                           |                       |                                                | Ⓢ       | <b>2093 kWh/(100 m²·a)</b> |
|                                                                                                                                                                                                                                                                                                                | Regeling volgens plaatselijke behoefte | ⓈⓈ      | <b>0.65</b>                           |                       |                                                | Ⓢ       | <b>2106 kWh/(100 m²·a)</b> |
| Maximaal intern lekluchtaandeel                                                                                                                                                                                                                                                                                |                                        |         | <b>2.85 %</b>                         |                       |                                                | ⓈⓈ      | <b>2132 kWh/(100 m²·a)</b> |
| Maximaal extern lekluchtaandeel                                                                                                                                                                                                                                                                                |                                        |         | <b>2.85 %</b>                         |                       |                                                |         |                            |
| Overdracht                                                                                                                                                                                                                                                                                                     |                                        |         |                                       |                       |                                                |         |                            |
| extern lekluchtaandeel                                                                                                                                                                                                                                                                                         |                                        |         |                                       |                       |                                                |         |                            |
| Gemengd aandeel                                                                                                                                                                                                                                                                                                |                                        |         |                                       |                       |                                                |         |                            |
| Positie en beschrijving van de filterwaarschuwing:<br>Op de bedieningseenheid van het ventilatietoestel wordt de visuele waarschuwing "FIL" of "Filtervervanging" weergegeven.<br><br>Het regelmatig vervangen van de filter is belangrijk voor een lange levensduur en hygiëne van uw ventilatie-installatie. |                                        |         |                                       |                       |                                                |         |                            |
| Opmerking (buitenlucht-/afvoerluchtrooster)                                                                                                                                                                                                                                                                    |                                        |         |                                       |                       |                                                |         |                            |
| Instructies voor de voorafgaande montage/demontage                                                                                                                                                                                                                                                             |                                        |         | <b>www.viessmann.de/vitovent-erp</b>  |                       |                                                |         |                            |
| Gevoeligheid voor drukschommelingen                                                                                                                                                                                                                                                                            |                                        |         |                                       |                       |                                                |         |                            |
| Luchtdichtheid tussen binnen en buiten                                                                                                                                                                                                                                                                         |                                        |         |                                       |                       |                                                |         |                            |

**VITOVENT 300-W**
**Produktdatenblatt Energieeffizienzklasse**

Product datasheet, energy efficiency category

 Lüftung  
Ventilation

| PL                                                                                                                                                                                                                                                                                                                           | Produkt                                                                             | Symbol                         | VITOVENT 300-W                |  | Produkt                                     | Symbol                                                                                | VITOVENT 300-W     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------|--|---------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
| Jednostkowe zużycie energii (JZE) i klasy JZE                                                                                                                                                                                                                                                                                |                                                                                     |                                |                               |  | Roczne zużycie energii elektrycznej (RZE)   |                                                                                       |                    |
| Klimat umiarkowany                                                                                                                                                                                                                                                                                                           |                                                                                     |                                |                               |  | Klimat umiarkowany                          |                                                                                       |                    |
| Sterowanie ręczne                                                                                                                                                                                                                                                                                                            |    |                                |                               |  | Sterowanie ręczne                           |    |                    |
| Sterowanie czasowe                                                                                                                                                                                                                                                                                                           |    | A                              | -42 kWh/(m²a)                 |  | Sterowanie czasowe                          |    | 215 kWh/(100 m²a)  |
| Centralne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                  |    | A+                             | -43 kWh/(m²a)                 |  | Centralne sterowanie według zapotrzebowania |    | 181 kWh/(100 m²a)  |
| Lokalne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                    |    | A+                             | -45 kWh/(m²a)                 |  | Lokalne sterowanie według zapotrzebowania   |    | 124 kWh/(100 m²a)  |
| Klimat zimny                                                                                                                                                                                                                                                                                                                 |                                                                                     |                                |                               |  | Klimat zimny                                |                                                                                       |                    |
| Sterowanie ręczne                                                                                                                                                                                                                                                                                                            |    |                                |                               |  | Sterowanie ręczne                           |    |                    |
| Sterowanie czasowe                                                                                                                                                                                                                                                                                                           |    |                                | -80 kWh/(m²a)                 |  | Sterowanie czasowe                          |    | 752 kWh/(100 m²a)  |
| Centralne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                  |    |                                | -82 kWh/(m²a)                 |  | Centralne sterowanie według zapotrzebowania |    | 718 kWh/(100 m²a)  |
| Lokalne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                    |    |                                | -84 kWh/(m²a)                 |  | Lokalne sterowanie według zapotrzebowania   |    | 661 kWh/(100 m²a)  |
| Klimat ciepły                                                                                                                                                                                                                                                                                                                |                                                                                     |                                |                               |  | Klimat ciepły                               |                                                                                       |                    |
| Sterowanie ręczne                                                                                                                                                                                                                                                                                                            |    |                                |                               |  | Sterowanie ręczne                           |    |                    |
| Sterowanie czasowe                                                                                                                                                                                                                                                                                                           |    |                                | -17 kWh/(m²a)                 |  | Sterowanie czasowe                          |    | 170 kWh/(100 m²a)  |
| Centralne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                  |    |                                | -18 kWh/(m²a)                 |  | Centralne sterowanie według zapotrzebowania |    | 136 kWh/(100 m²a)  |
| Lokalne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                    |    |                                | -19 kWh/(m²a)                 |  | Lokalne sterowanie według zapotrzebowania   |    | 79 kWh/(100 m²a)   |
| Typologia ogólna                                                                                                                                                                                                                                                                                                             |                                                                                     | bidirectional ventilation unit |                               |  | Roczne oszczędności w ogrzewaniu (ROO)      |                                                                                       |                    |
| Silnik i napęd                                                                                                                                                                                                                                                                                                               |                                                                                     | variable speed                 |                               |  | Klimat umiarkowany                          |                                                                                       |                    |
| Układ odzysku ciepła UOC                                                                                                                                                                                                                                                                                                     |                                                                                     | recuperative                   |                               |  | Sterowanie ręczne                           |    |                    |
| Sprawność cieplna UOC                                                                                                                                                                                                                                                                                                        |                                                                                     | 91 %                           |                               |  | Sterowanie czasowe                          |    | 4628 kWh/(100 m²a) |
| Maksymalna wartość natężenia przepływu                                                                                                                                                                                                                                                                                       |                                                                                     | 325 m³/h                       |                               |  | Centralne sterowanie według zapotrzebowania |    | 4657 kWh/(100 m²a) |
| Efektywna moc wejściowa przy maksymalnym natężeniu przepływu                                                                                                                                                                                                                                                                 |                                                                                     | 145 W                          |                               |  | Lokalne sterowanie według zapotrzebowania   |    | 4714 kWh/(100 m²a) |
| Poziom mocy akustycznej L <sub>WA</sub>                                                                                                                                                                                                                                                                                      |                                                                                     | 41 dB                          |                               |  | Klimat zimny                                |                                                                                       |                    |
| Natężenie przepływu strumienia odniesienia                                                                                                                                                                                                                                                                                   |                                                                                     | 0.063 m³/s                     |                               |  | Sterowanie ręczne                           |    |                    |
| Wartość odniesienia różnicy ciśnienia                                                                                                                                                                                                                                                                                        |                                                                                     | 50 Pa                          |                               |  | Sterowanie czasowe                          |    | 9054 kWh/(100 m²a) |
| Jednostkowy pobór mocy (JPM)                                                                                                                                                                                                                                                                                                 |                                                                                     | 0.15 W/m³/h                    |                               |  | Centralne sterowanie według zapotrzebowania |    | 9110 kWh/(100 m²a) |
| Rodzaj sterowania wentylacją CRS                                                                                                                                                                                                                                                                                             |                                                                                     |                                |                               |  | Lokalne sterowanie według zapotrzebowania   |    | 9222 kWh/(100 m²a) |
| Sterowanie ręczne                                                                                                                                                                                                                                                                                                            |   |                                |                               |  | Klimat ciepły                               |                                                                                       |                    |
| Sterowanie czasowe                                                                                                                                                                                                                                                                                                           |  | 0.95                           |                               |  | Sterowanie ręczne                           |  |                    |
| Centralne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                  |  | 0.85                           |                               |  | Sterowanie czasowe                          |  | 2093 kWh/(100 m²a) |
| Lokalne sterowanie według zapotrzebowania                                                                                                                                                                                                                                                                                    |  | 0.65                           |                               |  | Centralne sterowanie według zapotrzebowania |  | 2106 kWh/(100 m²a) |
| Maksymalny stopień wewnętrznych przecieków powietrza                                                                                                                                                                                                                                                                         |                                                                                     | 2.85 %                         |                               |  | Lokalne sterowanie według zapotrzebowania   |  | 2132 kWh/(100 m²a) |
| Maksymalny stopień zewnętrznych przecieków powietrza                                                                                                                                                                                                                                                                         |                                                                                     | 2.85 %                         |                               |  |                                             |                                                                                       |                    |
| Przeniesienie                                                                                                                                                                                                                                                                                                                |                                                                                     |                                |                               |  |                                             |                                                                                       |                    |
| Stopień zewnętrznych przecieków powietrza                                                                                                                                                                                                                                                                                    |                                                                                     |                                |                               |  |                                             |                                                                                       |                    |
| Stopień mieszania                                                                                                                                                                                                                                                                                                            |                                                                                     |                                |                               |  |                                             |                                                                                       |                    |
| Umiejscowienie i opis wizualnego ostrzeżenia o konieczności wymiany filtra:<br>Na module obsługowym urządzenia wentylacyjnego pojawia się wizualny komunikat ostrze-<br>gawczy z informacją "FIL" lub "Wymiana filtra".<br>Regularna wymiana filtra jest ważna ze względu na trwałość i higienę instalacji<br>wentylacyjnej. |                                                                                     |                                |                               |  |                                             |                                                                                       |                    |
| Wskazówka (powietrze zewnętrzne/kratka wylotowa)                                                                                                                                                                                                                                                                             |                                                                                     |                                |                               |  |                                             |                                                                                       |                    |
| Instrukcje dot. montażu wstępnego/rozkładania na części                                                                                                                                                                                                                                                                      |                                                                                     |                                | www.viessmann.de/vitotent-erp |  |                                             |                                                                                       |                    |
| Odporność na wahania ciśnienia                                                                                                                                                                                                                                                                                               |                                                                                     |                                |                               |  |                                             |                                                                                       |                    |
| Szczelność między wnętrzem i obszarem na zewnątrz budynku                                                                                                                                                                                                                                                                    |                                                                                     |                                |                               |  |                                             |                                                                                       |                    |

**VITOVENT 300-W**
**Produktdatenblatt Energieeffizienzklasse**

Product datasheet, energy efficiency category

Lüftung

Ventilation

| RO                                                                                                               | Produs | Simbol    | VITOVENT 300-W                        |  | Produs                                          | Simbol | VITOVENT 300-W            |
|------------------------------------------------------------------------------------------------------------------|--------|-----------|---------------------------------------|--|-------------------------------------------------|--------|---------------------------|
| <b>Consum specific de energie (SEV) și clasă de consum specific de energie (SEV)</b>                             |        |           |                                       |  | <b>Consum anual de curent (JSV)</b>             |        |                           |
| <b>Medie de climă</b>                                                                                            |        |           |                                       |  | <b>Medie de climă</b>                           |        |                           |
| Comandă manuală                                                                                                  |        |           |                                       |  | Comandă manuală                                 |        |                           |
| Comandă în funcție de timp                                                                                       |        | <b>A</b>  | <b>-42 kWh/(m²a)</b>                  |  | Comandă în funcție de timp                      |        | <b>215 kWh/(100 m²a)</b>  |
| Comandă centrală în funcție de necesități                                                                        |        | <b>A+</b> | <b>-43 kWh/(m²a)</b>                  |  | Comandă centrală în funcție de necesități       |        | <b>181 kWh/(100 m²a)</b>  |
| Comandă în funcție de necesarul local                                                                            |        | <b>A+</b> | <b>-45 kWh/(m²a)</b>                  |  | Comandă în funcție de necesarul local           |        | <b>124 kWh/(100 m²a)</b>  |
| <b>Climă rece</b>                                                                                                |        |           |                                       |  | <b>Climă rece</b>                               |        |                           |
| Comandă manuală                                                                                                  |        |           |                                       |  | Comandă manuală                                 |        |                           |
| Comandă în funcție de timp                                                                                       |        |           | <b>-80 kWh/(m²a)</b>                  |  | Comandă în funcție de timp                      |        | <b>752 kWh/(100 m²a)</b>  |
| Comandă centrală în funcție de necesități                                                                        |        |           | <b>-82 kWh/(m²a)</b>                  |  | Comandă centrală în funcție de necesități       |        | <b>718 kWh/(100 m²a)</b>  |
| Comandă în funcție de necesarul local                                                                            |        |           | <b>-84 kWh/(m²a)</b>                  |  | Comandă în funcție de necesarul local           |        | <b>661 kWh/(100 m²a)</b>  |
| <b>Climă caldă</b>                                                                                               |        |           |                                       |  | <b>Climă caldă</b>                              |        |                           |
| Comandă manuală                                                                                                  |        |           |                                       |  | Comandă manuală                                 |        |                           |
| Comandă în funcție de timp                                                                                       |        |           | <b>-17 kWh/(m²a)</b>                  |  | Comandă în funcție de timp                      |        | <b>170 kWh/(100 m²a)</b>  |
| Comandă centrală în funcție de necesități                                                                        |        |           | <b>-18 kWh/(m²a)</b>                  |  | Comandă centrală în funcție de necesități       |        | <b>136 kWh/(100 m²a)</b>  |
| Comandă în funcție de necesarul local                                                                            |        |           | <b>-19 kWh/(m²a)</b>                  |  | Comandă în funcție de necesarul local           |        | <b>79 kWh/(100 m²a)</b>   |
| Tipologie generală                                                                                               |        |           | <b>bidirectional ventilation unit</b> |  | <b>Economie anuală de energie termică (JEH)</b> |        |                           |
| Motor și acționare                                                                                               |        |           | <b>variable speed</b>                 |  | <b>Medie de climă</b>                           |        |                           |
| Sistem de recuperare a căldurii                                                                                  |        |           | <b>recuperative</b>                   |  | Comandă manuală                                 |        |                           |
| Grad de modificare a temperaturii pentru recuperarea căldurii                                                    |        |           | <b>91 %</b>                           |  | Comandă în funcție de timp                      |        | <b>4628 kWh/(100 m²a)</b> |
| Debit volumetric maxim de aer                                                                                    |        |           | <b>325 m³/h</b>                       |  | Comandă centrală în funcție de necesități       |        | <b>4657 kWh/(100 m²a)</b> |
| Putere efectivă de intrare la debit volumetric maxim de aer                                                      |        |           | <b>145 W</b>                          |  | Comandă în funcție de necesarul local           |        | <b>4714 kWh/(100 m²a)</b> |
| Nivel de zgomot L <sub>WA</sub>                                                                                  |        |           | <b>41 dB</b>                          |  | <b>Climă rece</b>                               |        |                           |
| Debit volumetric de aer de referință                                                                             |        |           | <b>0.063 m³/s</b>                     |  | Comandă manuală                                 |        |                           |
| Presiune diferențială de referință                                                                               |        |           | <b>50 Pa</b>                          |  | Comandă în funcție de timp                      |        | <b>9054 kWh/(100 m²a)</b> |
| Putere de intrare specifică (SEL)                                                                                |        |           | <b>0.15 W/m³/h</b>                    |  | Comandă centrală în funcție de necesități       |        | <b>9110 kWh/(100 m²a)</b> |
| <b>Factor de comandă</b>                                                                                         |        |           |                                       |  | Comandă în funcție de necesarul local           |        | <b>9222 kWh/(100 m²a)</b> |
| Comandă manuală                                                                                                  |        |           |                                       |  | <b>Climă caldă</b>                              |        |                           |
| Comandă în funcție de timp                                                                                       |        |           | <b>0.95</b>                           |  | Comandă manuală                                 |        |                           |
| Comandă centrală în funcție de necesități                                                                        |        |           | <b>0.85</b>                           |  | Comandă în funcție de timp                      |        | <b>2093 kWh/(100 m²a)</b> |
| Comandă în funcție de necesarul local                                                                            |        |           | <b>0.65</b>                           |  | Comandă centrală în funcție de necesități       |        | <b>2106 kWh/(100 m²a)</b> |
| Proporție maximă de scurgeri de aer interne                                                                      |        |           | <b>2.85 %</b>                         |  | Comandă în funcție de necesarul local           |        | <b>2132 kWh/(100 m²a)</b> |
| Proporție maximă de scurgeri de aer externe                                                                      |        |           | <b>2.85 %</b>                         |  |                                                 |        |                           |
| Transmitere                                                                                                      |        |           |                                       |  |                                                 |        |                           |
| Proporție de scurgeri de aer externe                                                                             |        |           |                                       |  |                                                 |        |                           |
| Proporție de amestec                                                                                             |        |           |                                       |  |                                                 |        |                           |
| Poziția și descrierea avertismentului de filtru:                                                                 |        |           |                                       |  |                                                 |        |                           |
| La unitatea de comandă a aparatului de aerisire, este afișat mesajul de avertizare "FIL" sau "Înlocuire filtru". |        |           |                                       |  |                                                 |        |                           |
| Înlocuirea periodică a filtrului este importantă pentru durata de viață și igiena instalației de aerisire.       |        |           |                                       |  |                                                 |        |                           |
| Indicație (grilaj de aer aspirat din exterior/aer viciat)                                                        |        |           |                                       |  |                                                 |        |                           |
| Indicații referitoare la montajul preliminar/dezasamblare                                                        |        |           | <b>www.viessmann.de/vitotent-erp</b>  |  |                                                 |        |                           |
| Sensibilitate la variațiile de presiune                                                                          |        |           |                                       |  |                                                 |        |                           |
| Etanșeitate la aer între interior și exterior                                                                    |        |           |                                       |  |                                                 |        |                           |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| SE                                                                                                               | Produkt                      | Symbol | VITOVENT 300-W                 |                            | Produkt                                              | Symbol                       | VITOVENT 300-W                 |
|------------------------------------------------------------------------------------------------------------------|------------------------------|--------|--------------------------------|----------------------------|------------------------------------------------------|------------------------------|--------------------------------|
| Specifik energianvändning (SEC) och SEC-klass                                                                    |                              |        |                                |                            | Ärlig elförbrukning                                  |                              |                                |
| <b>Genomsnittligt klimat</b>                                                                                     |                              |        |                                |                            | <b>Genomsnittligt klimat</b>                         |                              |                                |
|                                                                                                                  | Manuell styrning             | ⌚      |                                |                            |                                                      | ⌚                            |                                |
|                                                                                                                  | Tidsstyrning                 | 🕒      | A                              | -42 kWh/(m <sup>2</sup> a) |                                                      | 🕒                            | 215 kWh/(100 m <sup>2</sup> a) |
|                                                                                                                  | Central behovsstyrning       | 🔌      | A+                             | -43 kWh/(m <sup>2</sup> a) |                                                      | 🔌                            | 181 kWh/(100 m <sup>2</sup> a) |
|                                                                                                                  | Styrning enligt lokalt behov | 🔌🔌     | A+                             | -45 kWh/(m <sup>2</sup> a) |                                                      | 🔌🔌                           | 124 kWh/(100 m <sup>2</sup> a) |
| <b>Kallt klimat</b>                                                                                              |                              |        |                                |                            | <b>Kallt klimat</b>                                  |                              |                                |
|                                                                                                                  | Manuell styrning             | ⌚      |                                |                            |                                                      | ⌚                            |                                |
|                                                                                                                  | Tidsstyrning                 | 🕒      |                                | -80 kWh/(m <sup>2</sup> a) |                                                      | 🕒                            | 752 kWh/(100 m <sup>2</sup> a) |
|                                                                                                                  | Central behovsstyrning       | 🔌      |                                | -82 kWh/(m <sup>2</sup> a) |                                                      | 🔌                            | 718 kWh/(100 m <sup>2</sup> a) |
|                                                                                                                  | Styrning enligt lokalt behov | 🔌🔌     |                                | -84 kWh/(m <sup>2</sup> a) |                                                      | 🔌🔌                           | 661 kWh/(100 m <sup>2</sup> a) |
| <b>Varmt klimat</b>                                                                                              |                              |        |                                |                            | <b>Varmt klimat</b>                                  |                              |                                |
|                                                                                                                  | Manuell styrning             | ⌚      |                                |                            |                                                      | ⌚                            |                                |
|                                                                                                                  | Tidsstyrning                 | 🕒      |                                | -17 kWh/(m <sup>2</sup> a) |                                                      | 🕒                            | 170 kWh/(100 m <sup>2</sup> a) |
|                                                                                                                  | Central behovsstyrning       | 🔌      |                                | -18 kWh/(m <sup>2</sup> a) |                                                      | 🔌                            | 136 kWh/(100 m <sup>2</sup> a) |
|                                                                                                                  | Styrning enligt lokalt behov | 🔌🔌     |                                | -19 kWh/(m <sup>2</sup> a) |                                                      | 🔌🔌                           | 79 kWh/(100 m <sup>2</sup> a)  |
| Allmän typologi                                                                                                  |                              |        | bidirectional ventilation unit |                            | Ärlig besparing av energiförbrukning för uppvärmning |                              |                                |
| Motor och drivning                                                                                               |                              |        | variable speed                 |                            | <b>Genomsnittligt klimat</b>                         |                              |                                |
| Värmeåtervinningssystem                                                                                          |                              |        | recuperative                   |                            |                                                      | Manuell styrning             | ⌚                              |
| Temperaturändringsgrad för värmeåtervinning                                                                      |                              |        | 91 %                           |                            |                                                      | Tidsstyrning                 | 🕒                              |
| Högsta luftflöde                                                                                                 |                              |        | 325 m <sup>3</sup> /h          |                            |                                                      | Central behovsstyrning       | 🔌                              |
| Effektiv ingångseffekt vid högsta luftflöde                                                                      |                              |        | 145 W                          |                            |                                                      | Styrning enligt lokalt behov | 🔌🔌                             |
| Ljudeffektsnivå L <sub>WA</sub>                                                                                  |                              |        | 41 dB                          |                            | <b>Kallt klimat</b>                                  |                              |                                |
| Referensluftflöde                                                                                                |                              |        | 0.063 m <sup>3</sup> /s        |                            |                                                      | Manuell styrning             | ⌚                              |
| Referenstrycksdifferens                                                                                          |                              |        | 50 Pa                          |                            |                                                      | Tidsstyrning                 | 🕒                              |
| Specifik ingångseffekt (SEL)                                                                                     |                              |        | 0.15 W/m <sup>3</sup> /h       |                            |                                                      | Central behovsstyrning       | 🔌                              |
| <b>Styrningsfaktor</b>                                                                                           |                              |        |                                |                            |                                                      | Styrning enligt lokalt behov | 🔌🔌                             |
|                                                                                                                  | Manuell styrning             | ⌚      |                                |                            | <b>Varmt klimat</b>                                  |                              |                                |
|                                                                                                                  | Tidsstyrning                 | 🕒      | 0.95                           |                            |                                                      | Manuell styrning             | ⌚                              |
|                                                                                                                  | Central behovsstyrning       | 🔌      | 0.85                           |                            |                                                      | Tidsstyrning                 | 🕒                              |
|                                                                                                                  | Styrning enligt lokalt behov | 🔌🔌     | 0.65                           |                            |                                                      | Central behovsstyrning       | 🔌                              |
| Maximal inre läckluftskvot                                                                                       |                              |        | 2.85 %                         |                            |                                                      | Styrning enligt lokalt behov | 🔌🔌                             |
| Maximal extern läckluftskvot                                                                                     |                              |        | 2.85 %                         |                            |                                                      |                              |                                |
| Överföring                                                                                                       |                              |        |                                |                            |                                                      |                              |                                |
| Extern läckluftskvot                                                                                             |                              |        |                                |                            |                                                      |                              |                                |
| Blandkvot                                                                                                        |                              |        |                                |                            |                                                      |                              |                                |
| Läge och beskrivning för filtervarning:                                                                          |                              |        |                                |                            |                                                      |                              |                                |
| På ventilationsutrustningens manöverenhet visas ett varningsmeddelande med anvisningen "FIL" eller "Filterbyte". |                              |        |                                |                            |                                                      |                              |                                |
| Ett regelbundet filterbyte är viktigt för ventilationssystemets livslängd och hygien.                            |                              |        |                                |                            |                                                      |                              |                                |
| Anvisning (utelufts-/frånluftsgaller)                                                                            |                              |        |                                |                            |                                                      |                              |                                |
| Anvisningar om förmontage/isärtagning                                                                            |                              |        | www.viessmann.de/vitovent-erp  |                            |                                                      |                              |                                |
| Tryckvariationskänslighet                                                                                        |                              |        |                                |                            |                                                      |                              |                                |
| Lufttäthet mellan insida och utsida                                                                              |                              |        |                                |                            |                                                      |                              |                                |

| SI                                                                                                            | Proizvod | Simbol | VITOVENT 300-W                 |  | Proizvod                               | Simbol | VITOVENT 300-W     |
|---------------------------------------------------------------------------------------------------------------|----------|--------|--------------------------------|--|----------------------------------------|--------|--------------------|
| Specifična poraba energije (SEC) in razred SEC                                                                |          |        |                                |  | Letna poraba električne energije (AEC) |        |                    |
| <b>Povprečno podnebje</b>                                                                                     |          |        |                                |  | <b>Povprečno podnebje</b>              |        |                    |
| Ročno krmiljenje                                                                                              |          |        |                                |  | Ročno krmiljenje                       |        |                    |
| Časovno krmiljenje                                                                                            |          | A      | -42 kWh/(m²a)                  |  | Časovno krmiljenje                     |        | 215 kWh/(100 m²a)  |
| Centralno krmiljenje potrebe                                                                                  |          | A+     | -43 kWh/(m²a)                  |  | Centralno krmiljenje potrebe           |        | 181 kWh/(100 m²a)  |
| Krmiljenje glede na lokalno potrebo                                                                           |          | A+     | -45 kWh/(m²a)                  |  | Krmiljenje glede na lokalno potrebo    |        | 124 kWh/(100 m²a)  |
| <b>Hladno podnebje</b>                                                                                        |          |        |                                |  | <b>Hladno podnebje</b>                 |        |                    |
| Ročno krmiljenje                                                                                              |          |        |                                |  | Ročno krmiljenje                       |        |                    |
| Časovno krmiljenje                                                                                            |          |        | -80 kWh/(m²a)                  |  | Časovno krmiljenje                     |        | 752 kWh/(100 m²a)  |
| Centralno krmiljenje potrebe                                                                                  |          |        | -82 kWh/(m²a)                  |  | Centralno krmiljenje potrebe           |        | 718 kWh/(100 m²a)  |
| Krmiljenje glede na lokalno potrebo                                                                           |          |        | -84 kWh/(m²a)                  |  | Krmiljenje glede na lokalno potrebo    |        | 661 kWh/(100 m²a)  |
| <b>Toplo podnebje</b>                                                                                         |          |        |                                |  | <b>Toplo podnebje</b>                  |        |                    |
| Ročno krmiljenje                                                                                              |          |        |                                |  | Ročno krmiljenje                       |        |                    |
| Časovno krmiljenje                                                                                            |          |        | -17 kWh/(m²a)                  |  | Časovno krmiljenje                     |        | 170 kWh/(100 m²a)  |
| Centralno krmiljenje potrebe                                                                                  |          |        | -18 kWh/(m²a)                  |  | Centralno krmiljenje potrebe           |        | 136 kWh/(100 m²a)  |
| Krmiljenje glede na lokalno potrebo                                                                           |          |        | -19 kWh/(m²a)                  |  | Krmiljenje glede na lokalno potrebo    |        | 79 kWh/(100 m²a)   |
| Splošna tipologija                                                                                            |          |        | bidirectional ventilation unit |  | Letni prihranek pri ogrevanju (LPO)    |        |                    |
| Motor in pogon                                                                                                |          |        | variable speed                 |  | <b>Povprečno podnebje</b>              |        |                    |
| Sistemi rekuperacije toplote                                                                                  |          |        | recuperative                   |  | Ročno krmiljenje                       |        |                    |
| Stopnja spremembe temperature RT                                                                              |          |        | 91 %                           |  | Časovno krmiljenje                     |        | 4628 kWh/(100 m²a) |
| Najvišji volumski pretok zraka                                                                                |          |        | 325 m³/h                       |  | Centralno krmiljenje potrebe           |        | 4657 kWh/(100 m²a) |
| Efektivna vhodna moč pri najvišjem volumskem pretoku zraka                                                    |          |        | 145 W                          |  | Krmiljenje glede na lokalno potrebo    |        | 4714 kWh/(100 m²a) |
| Raven moči zvoka L <sub>WA</sub>                                                                              |          |        | 41 dB                          |  | <b>Hladno podnebje</b>                 |        |                    |
| Referenčni volumski pretok zraka                                                                              |          |        | 0.063 m³/s                     |  | Ročno krmiljenje                       |        |                    |
| Referenčna tlačna diferenca                                                                                   |          |        | 50 Pa                          |  | Časovno krmiljenje                     |        | 9054 kWh/(100 m²a) |
| Specifična vhodna moč (SVM)                                                                                   |          |        | 0.15 W/m³/h                    |  | Centralno krmiljenje potrebe           |        | 9110 kWh/(100 m²a) |
| <b>Faktor krmiljenja</b>                                                                                      |          |        |                                |  | Krmiljenje glede na lokalno potrebo    |        | 9222 kWh/(100 m²a) |
| Ročno krmiljenje                                                                                              |          |        |                                |  | <b>Toplo podnebje</b>                  |        |                    |
| Časovno krmiljenje                                                                                            |          |        | 0.95                           |  | Ročno krmiljenje                       |        |                    |
| Centralno krmiljenje potrebe                                                                                  |          |        | 0.85                           |  | Časovno krmiljenje                     |        | 2093 kWh/(100 m²a) |
| Krmiljenje glede na lokalno potrebo                                                                           |          |        | 0.65                           |  | Centralno krmiljenje potrebe           |        | 2106 kWh/(100 m²a) |
| Maksimalni interni delež puščanja zraka                                                                       |          |        | 2.85 %                         |  | Krmiljenje glede na lokalno potrebo    |        | 2132 kWh/(100 m²a) |
| Maksimalni eksterni delež puščanja zraka                                                                      |          |        | 2.85 %                         |  |                                        |        |                    |
| Prenos                                                                                                        |          |        |                                |  |                                        |        |                    |
| Eksterni delež puščanja zraka                                                                                 |          |        |                                |  |                                        |        |                    |
| Mešalni delež                                                                                                 |          |        |                                |  |                                        |        |                    |
| Položaj in opis svarila filtra:                                                                               |          |        |                                |  |                                        |        |                    |
| Na upravljalni enoti prezračevalne naprave se prikaže vidno svarilo z napotkom „FIL“ ali „Zamenjava filtrov“. |          |        |                                |  |                                        |        |                    |
| Redna zamenjava filtrov je pomembna za dolgo življenjsko dobo in higieno prezračevalne naprave.               |          |        |                                |  |                                        |        |                    |
| Opozorilo (rešetka za zunanji/odvodni zrak)                                                                   |          |        |                                |  |                                        |        |                    |
| Opozorila glede predmontaže/razstavljanja                                                                     |          |        | www.viessmann.de/vitovent-erp  |  |                                        |        |                    |
| Občutljivost na nihanje tlaka                                                                                 |          |        |                                |  |                                        |        |                    |
| Zrakotesnost med zunaj in znotraj                                                                             |          |        |                                |  |                                        |        |                    |

## Produktdatenblatt Energieeffizienzklasse

Product datasheet, energy efficiency category

Lüftung  
Ventilation

| SK                                                                                                                              | Výrobok                           | Symbol | VITOVENT 300-W                 |                            | Výrobok                                    | Symbol                            | VITOVENT 300-W |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------|--------------------------------|----------------------------|--------------------------------------------|-----------------------------------|----------------|
| Merná spotreba energie (MSE) a trieda MSE                                                                                       |                                   |        |                                |                            | Ročná spotreba energie (RSE)               |                                   |                |
| <b>Priemerná klíma</b>                                                                                                          |                                   |        |                                |                            | <b>Priemerná klíma</b>                     |                                   |                |
|                                                                                                                                 | Ručné ovládanie                   | ⌚      |                                |                            |                                            | Ručné ovládanie                   | ⌚              |
|                                                                                                                                 | Časové ovládanie                  | 🕒      | A                              | -42 kWh/(m <sup>2</sup> a) |                                            | Časové ovládanie                  | 🕒              |
|                                                                                                                                 | Centrálné ovládanie podľa potreby | ⌚      | A+                             | -43 kWh/(m <sup>2</sup> a) |                                            | Centrálné ovládanie podľa potreby | ⌚              |
|                                                                                                                                 | Ovládanie podľa miestnej potreby  | ⌚⌚     | A+                             | -45 kWh/(m <sup>2</sup> a) |                                            | Ovládanie podľa miestnej potreby  | ⌚⌚             |
| <b>Studená klíma</b>                                                                                                            |                                   |        |                                |                            | <b>Studená klíma</b>                       |                                   |                |
|                                                                                                                                 | Ručné ovládanie                   | ⌚      |                                |                            |                                            | Ručné ovládanie                   | ⌚              |
|                                                                                                                                 | Časové ovládanie                  | 🕒      |                                | -80 kWh/(m <sup>2</sup> a) |                                            | Časové ovládanie                  | 🕒              |
|                                                                                                                                 | Centrálné ovládanie podľa potreby | ⌚      |                                | -82 kWh/(m <sup>2</sup> a) |                                            | Centrálné ovládanie podľa potreby | ⌚              |
|                                                                                                                                 | Ovládanie podľa miestnej potreby  | ⌚⌚     |                                | -84 kWh/(m <sup>2</sup> a) |                                            | Ovládanie podľa miestnej potreby  | ⌚⌚             |
| <b>Teplá klíma</b>                                                                                                              |                                   |        |                                |                            | <b>Teplá klíma</b>                         |                                   |                |
|                                                                                                                                 | Ručné ovládanie                   | ⌚      |                                |                            |                                            | Ručné ovládanie                   | ⌚              |
|                                                                                                                                 | Časové ovládanie                  | 🕒      |                                | -17 kWh/(m <sup>2</sup> a) |                                            | Časové ovládanie                  | 🕒              |
|                                                                                                                                 | Centrálné ovládanie podľa potreby | ⌚      |                                | -18 kWh/(m <sup>2</sup> a) |                                            | Centrálné ovládanie podľa potreby | ⌚              |
|                                                                                                                                 | Ovládanie podľa miestnej potreby  | ⌚⌚     |                                | -19 kWh/(m <sup>2</sup> a) |                                            | Ovládanie podľa miestnej potreby  | ⌚⌚             |
| Všeobecná typológia                                                                                                             |                                   |        | bidirectional ventilation unit |                            | Ročná úspora energie na vykurovanie (RÜEV) |                                   |                |
| Motor a pohon                                                                                                                   |                                   |        | variable speed                 |                            | <b>Priemerná klíma</b>                     |                                   |                |
| Systém rekuperácie tepla                                                                                                        |                                   |        | recuperative                   |                            |                                            | Ručné ovládanie                   | ⌚              |
| Stupeň zmeny teploty rekuperácie tepla                                                                                          |                                   |        | 91 %                           |                            |                                            | Časové ovládanie                  | 🕒              |
| Najvyšší objemový prietok vzduchu                                                                                               |                                   |        | 325 m <sup>3</sup> /h          |                            |                                            | Centrálné ovládanie podľa potreby | ⌚              |
| Užitočný príkon pri najvyššom objemovom prietoku vzduchu                                                                        |                                   |        | 145 W                          |                            |                                            | Ovládanie podľa miestnej potreby  | ⌚⌚             |
| Hladina akustického výkonu L <sub>WA</sub>                                                                                      |                                   |        | 41 dB                          |                            | <b>Studená klíma</b>                       |                                   |                |
| Vzťažný objemový prietok vzduchu                                                                                                |                                   |        | 0.063 m <sup>3</sup> /s        |                            |                                            | Ručné ovládanie                   | ⌚              |
| Vzťažný tlakový rozdiel                                                                                                         |                                   |        | 50 Pa                          |                            |                                            | Časové ovládanie                  | 🕒              |
| Merný príkon (MP)                                                                                                               |                                   |        | 0.15 W/m <sup>3</sup> /h       |                            |                                            | Centrálné ovládanie podľa potreby | ⌚              |
| <b>Koeficient ovládania</b>                                                                                                     |                                   |        |                                |                            |                                            | Ovládanie podľa miestnej potreby  | ⌚⌚             |
|                                                                                                                                 | Ručné ovládanie                   | ⌚      |                                |                            | <b>Teplá klíma</b>                         |                                   |                |
|                                                                                                                                 | Časové ovládanie                  | 🕒      | 0.95                           |                            |                                            | Ručné ovládanie                   | ⌚              |
|                                                                                                                                 | Centrálné ovládanie podľa potreby | ⌚      | 0.85                           |                            |                                            | Časové ovládanie                  | 🕒              |
|                                                                                                                                 | Ovládanie podľa miestnej potreby  | ⌚⌚     | 0.65                           |                            |                                            | Centrálné ovládanie podľa potreby | ⌚              |
| Maximálny podiel vnútorného unikania vzduchu                                                                                    |                                   |        | 2.85 %                         |                            |                                            | Ovládanie podľa miestnej potreby  | ⌚⌚             |
| Maximálny podiel vonkajšieho unikania vzduchu                                                                                   |                                   |        | 2.85 %                         |                            |                                            |                                   |                |
| Prenos                                                                                                                          |                                   |        |                                |                            |                                            |                                   |                |
| Vonkajšie unikanie vzduchu                                                                                                      |                                   |        |                                |                            |                                            |                                   |                |
| Zmiešaný podiel                                                                                                                 |                                   |        |                                |                            |                                            |                                   |                |
| Poloha a popis varovania filtra:                                                                                                |                                   |        |                                |                            |                                            |                                   |                |
| Na ovládacej jednotke vetracieho zariadenia sa objavilo vizuálne výstražné hlásenie s upozornením „FIL“ alebo „Výmena filtrov“. |                                   |        |                                |                            |                                            |                                   |                |
| Pravidelná výmena filtrov je dôležitá pre dlhú životnosť a hygienu vášho vetracieho zariadenia.                                 |                                   |        |                                |                            |                                            |                                   |                |
| Upozornenie (mreža vonkajšieho/odpadového vzduchu)                                                                              |                                   |        |                                |                            |                                            |                                   |                |
| Pokyny pre predbežnú montáž/demontáž                                                                                            |                                   |        | www.viessmann.de/vitotent-erp  |                            |                                            |                                   |                |
| Citlivosť na kolísanie tlaku                                                                                                    |                                   |        |                                |                            |                                            |                                   |                |
| Vzduchotesnosť medzi vnútornou a vonkajšou stranou                                                                              |                                   |        |                                |                            |                                            |                                   |                |