

Product fiche

Delegated Regulation (EU) 1254/2014

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| Supplier name or trademark | Rotenso |
| Model identifier | WENTILO ICON IT450 E1 AB |
| Specific energy consumption (cold zone) | -70,4 kWh/(m² x a) |
| Specific energy consumption class (average zone) | A |
| Specific energy consumption (average zone) | -35,0 kWh/(m² x a) |
| Specific energy consumption (warm zone) | -12,0 kWh/(m² x a) |
| Typology | Bidirectional Ventilation Unit (BVU) |
| Type of drive | Variable speed drive |
| Type of heat recovery system | Recuperative |
| Thermal efficiency of heat recovery | 79,2 % |
| Maximum flow rate | 450 m³/h |
| Electric power input of the fan drive | 191,9 W |
| Sound power level | 58 dB |
| Reference flow rate | 0,088 m³/s |
| Reference pressure difference | 50 Pa |
| Specific Power Input | 0,26 W/(m³/h) |
| Control factor | 0,95 |
| Control typology | Clock control (no DCV) - 0,95 |
| Maximum internal leakage rates | 1,0 % |
| Maximum external leakage rates | 0,7 % |
| Position of visual filter warning | Control panel and/or mobile application and/or web application |
| Description of visual filter warning | Control panel: highlighted notification icon. Control panel with screen: highlighted notification icon and text information. Mobile application: text notification. Web application: text notification. Regular filter changes guarantee correct operation of the unit. Extensive clogging of filters decreases energy efficiency of the unit and increases noise level. |
| Pre-/dis-assembly instructions URL | www.rotenso.com |
| Annual Electricity Consumption | 336,5 kWh electricity/annum |
| Annual Heating Saved at cold climate | 8 355,2 kWh primary energy/annum |
| Annual Heating Saved at average climate | 4 271,0 kWh primary energy/annum |
| Annual Heating Saved at warm climate | 1 931,3 kWh primary energy/annum |