

# Product fiche

Delegated Regulation (EU) 1254/2014

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|--|---|
| Supplier name or trademark                       | <b>Rotenso</b>  |
| Model identifier                                 | <b>WENTILO ICON IT250 E1 AB</b>   |
| Specific energy consumption (cold zone)          | <b>-77,4 kWh/(m<sup>2</sup> x a)</b>  |
| Specific energy consumption class (average zone) | <b>A</b>  |
| Specific energy consumption (average zone)       | <b>-39,5 kWh/(m<sup>2</sup> x a)</b>  |
| Specific energy consumption (warm zone)          | <b>-15,1 kWh/(m<sup>2</sup> x a)</b>  |
| Typology   | <b>Bidirectional Ventilation Unit (BVU)</b>   |
| Type of drive                                    | <b>Variable speed drive</b>   |
| Type of heat recovery system                     | <b>Recuperative</b>   |
| Thermal efficiency of heat recovery              | <b>87,8 %</b>   |
| Maximum flow rate                                | <b>250 m<sup>3</sup>/h</b>  |
| Electric power input of the fan drive            | <b>66,6 W</b>   |
| Sound power level                                | <b>48 dB</b>  |
| Reference flow rate                              | <b>0,049 m<sup>3</sup>/s</b>  |
| Reference pressure difference                    | <b>50 Pa</b>  |
| Specific Power Input                             | <b>0,19 W/(m<sup>3</sup>/h)</b>   |
| Control factor                                   | <b>0,95</b>   |
| Control typology                                 | <b>Clock control (no DCV) - 0,95</b>  |
| Maximum internal leakage rates                   | <b>2,1 %</b>  |
| Maximum external leakage rates                   | <b>2,2 %</b>  |
| Position of visual filter warning                | <b>Control panel and/or mobile application and/or web application</b>   |
| Description of visual filter warning             | <b>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.</b> |
| Pre-/dis-assembly instructions URL               | <b><a href="http://www.rotenso.com">www.rotenso.com</a></b>   |
| Annual Electricity Consumption                   | <b>259,1 kWh electricity/annum</b>  |
| Annual Heating Saved at cold climate             | <b>8 864,3 kWh primary energy/annum</b>   |
| Annual Heating Saved at average climate          | <b>4 531,3 kWh primary energy/annum</b>   |
| Annual Heating Saved at warm climate             | <b>2 049,0 kWh primary energy/annum</b>   |