

# Product fiche

Delegated Regulation (EU) 1254/2014

Supplier name or trademark	<b>Rotenso</b>
Model identifier	<b>WENTILO ICON IT450 S1 AB</b>
Specific energy consumption (cold zone)	<b>-75,2 kWh/(m<sup>2</sup> x a)</b>
Specific energy consumption class (average zone)	<b>A</b>
Specific energy consumption (average zone)	<b>-37,5 kWh/(m<sup>2</sup> x a)</b>
Specific energy consumption (warm zone)	<b>-13,3 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>86,9 %</b>
Maximum flow rate	<b>450 m<sup>3</sup>/h</b>
Electric power input of the fan drive	<b>187,9 W</b>
Sound power level	<b>58 dB</b>
Reference flow rate	<b>0,088 m<sup>3</sup>/s</b>
Reference pressure difference	<b>50 Pa</b>
Specific Power Input	<b>0,25 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>1,0 %</b>
Maximum external leakage rates	<b>0,7 %</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>327,2 kWh electricity/annum</b>
Annual Heating Saved at cold climate	<b>8 811,1 kWh primary energy/annum</b>
Annual Heating Saved at average climate	<b>4 504,0 kWh primary energy/annum</b>
Annual Heating Saved at warm climate	<b>2 036,7 kWh primary energy/annum</b>