

Product fiche

Delegated Regulation (EU) 1254/2014

Supplier name or trademark	Rotenso
Model identifier	WENTILO ICON IT450 E1 AA
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