

ENERGY DATA

CODE 12102

VORT HR 200BP

Compact residential heat recovery unit



ATTRIBUTE	ATTRIBUTE VALUE
Supplier's name or trade mark	Vortice
Specific Energy Consumption class SEC in average climate zone	A
Specific Energy Consumption class SEC average [kWh/m2a]	-74
Specific Energy Consumption class SEC cold [kWh/m2a]	-36
Specific Energy Consumption class SEC warm [kWh/m2a]	-12
Declared typology	Bidirectional
Type of drive	VSD
Type of heat recovery system HRS	Recuperative
Thermal efficiency of heat recovery at reference air flow [%]	87,0
Maximum flow rate [m3/h]	196m3/h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate [W]	104
Sound power level LWA [dB(A)]	53
Reference flow rate [m3/s]	0,0380
Reference pressure difference [Pa]	58
SPI [W/(m3/h)]	0,3942
Control factor CTRL	0.85
Control typology	Central Demand Control
Maximum internal leakage rates [%]	1.2
Maximum external leakage rates [%]	3.6
Mixing rate	NA
Position and description of visual filter warning	See Instruction Manual
Airflow sensitivity to pressure variations at + 20Pa and – 20 Pa	NA
Indoor/outdoor air tightness [m3/h]	NA
Annual electricity consumption (AEC) [kWh electricity/a]	402
AHS average Annual heating saved [kWh primary energy/a]	4548
AHS cold Annual heating saved [kWh primary energy/a]	8898
AHS warm Annual heating saved [kWh primary energy/a]	2057