

ENERGY DATA

CODE 12096

VORT HR 350 AVEL

Wall-mounting 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]	-37.7
Specific Energy Consumption class SEC cold [kWh/m2a]	-76.1
Specific Energy Consumption class SEC warm [kWh/m2a]	-13,1
Declared typology	Bidirectional
Type of drive	VSD
Type of heat recovery system HRS	Recuperative
Thermal efficiency of heat recovery at reference air flow [%]	88,2
Maximum flow rate [m3/h]	344.9m3/h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate [W]	198
Sound power level LWA [dB(A)]	54
Reference flow rate [m3/s]	0,0671
Reference pressure difference [Pa]	225
SPI [W/(m3/h)]	0,3354
Control factor CTRL	0.85
Control typology	Central Demand Control
Maximum internal leakage rates [%]	1.7
Maximum external leakage rates [%]	4.8
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]	349
AHS average Annual heating saved [kWh primary energy/a]	4576
AHS cold Annual heating saved [kWh primary energy/a]	8951
AHS warm Annual heating saved [kWh primary energy/a]	2069