ENERGY DATA

CODE 11933

VORT HR 350Neti

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]	-74.6
Specific Energy Consumption class SEC cold [kWh/m2a]	-35.5
Specific Energy Consumption class SEC warm [kWh/m2a]	-10.5
Declared typology	Bidirectional
Type of drive	VSD
Type of heat recovery system HRS	Recuperative
Thermal efficiency of heat recovery at reference air flow [%]	90,6
Maximum flow rate [m3/h]	192m3/h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate [W]	94,5
Sound power level LWA [dB(A)]	61
Reference flow rate [m3/s]	0,0373
Reference pressure difference [Pa]	252
SPI [W/(m3/h)]	0,33482
Control factor CTRL	0.85
Control typology	Central Demand Control
Maximum internal leakage rates [%]	2,1
Maximum external leakage rates [%]	9,8
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]	464
AHS average Annual heating saved [kWh primary energy/a]	4646
AHS cold Annual heating saved [kWh primary energy/a]	9089
AHS warm Annual heating saved [kWh primary energy/a]	2101