

ENERGY DATA

CODE 16170

CA 100 ES

Energy saving in-line centrifugal fans



ATTRIBUTO	VALORE ATTRIBUTO
Supplier's name or trade mark	Vortice
Specific Energy Consumption class SEC in average climate zone	E
Specific Energy Consumption class SEC average [kWh/m2a]	-11,5
Specific Energy Consumption class SEC cold [kWh/m2a]	-21,1
Specific Energy Consumption class SEC warm [kWh/m2a]	-0,1
Declared typology	UVR-U: unidirezionale
Type of drive	variatore di velocità: VSD
Type of heat recovery system HRS	assente
Thermal efficiency of heat recovery at reference air flow [%]	NA
Maximum flow rate [m3/h]	270
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate [W]	80,5
Sound power level LWA [dB(A)]	56
Reference flow rate [m3/s]	0,0525
Reference pressure difference [Pa]	70
SPI [W/(m3/h)]	0,17989
Control factor CTRL	1
Control typology	manuale
Maximum internal leakage rates [%]	NA
Maximum external leakage rates [%]	3,6
Mixing rate	NA
Position and description of visual filter warning	NA
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]	225
AHS average Annual heating saved [kWh primary energy/a]	1715
AHS cold Annual heating saved [kWh primary energy/a]	2732
AHS warm Annual heating saved [kWh primary energy/a]	632