

Technical Data Sheet

CODE 11228

HRI-E TWO F

Heat recovery units for installation in false ceiling



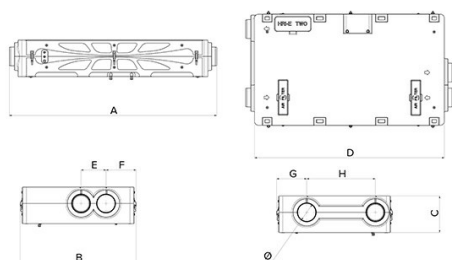
Certifications



TECHNICAL AND PERFORMANCE DATA

Absorbed Current max (A)	1,4	Weight (Kg)	29,5
Absorbed Power max (W)	167	Delivery max (l/s)	101
Filter class	F5	Delivery max (m ³ /h)	365
Frequency (Hz)	50	Maximum thermal efficiency (%)	93
Insulation Class	I°	Pressure max (mmH2O)	77,3
IP	X2	Pressure max (Pa)	758
Max ambient temperature for continuous operation (°C)	25	Sound power level - radiated Lw [dB(A)]	69
Max Temperature of Exhaust Air (Continuous Operation)	45	Sound power level exhaust inlet Lw [dB(A)]	54
Max. absorbed power at max speed (W)	167	Sound power level supply outlet Lw [dB(A)]	78
Min ambient temperature for continuous operation (°C)	0	Sound pressure level air extraction Lp in free field [dB (A)] 3m - max speed	34
Nominal Diameter (mm)	125	Sound pressure level air supply Lp in free field [dB (A)] 3m - max speed	57
Voltage (V)	230	Sound pressure level radiated Lp in free filed [dB (A)] 3m - max speed	48

DIMENSIONS



Diametro ϕ (mm)	149
Size A (mm)	1640
Size B (mm)	916
Size C (mm)	290
Size D (mm)	1500
Size E (mm)	197
Size F (mm)	238
Size G (mm)	238
Size H (mm)	543

PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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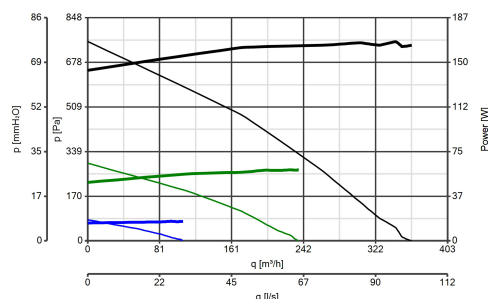
Heat recovery units for installation in false ceiling



DESCRIPTION

- Fire-resistant expanded polypropylene enclosure with zinc-coated side plates.
- Duct connection ports of nominal diameter 150 mm.
- 2 x EC brushless motor with shaft turning in ball bearings; 3 speeds, which can be set independently at the moment of installation and monitored from a remote control panel connected by wire, with LCD display.
- Air flow settable between 100 m³/h and 365 m³/h.
- Ultra high-efficiency counter-flow type heat exchanger fashioned from moulded plastic (PS).
- 100% by-pass, automatically operated with filtration.
- Automatically activated system designed to prevent icing of the heat exchanger.
- Mod-Bus module with RS485 connection port in slave mode.
- Compatible with operation piloted by Vortice ambient sensors: temperature (C TEMP), relative humidity (C HCS), presence (C PIR) and smoke alarm (C SMOKE). With operation interlocked to sensors, the local control functions are inhibited: the appliance continues to operate at minimum speed as long as the reference parameters monitored by the connected field sensors remain below the relative threshold values; when these values are exceeded, the appliance will switch to the maximum speed setting, which is then maintained until such time as normal ambient conditions are restored.
- 2 x F5 filter (alternatively, option of F7 filter on outlet duct).

CURVES



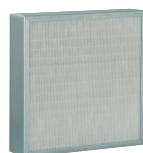
ACCESSORIES



C PIR
Code 12998



PRE-HEATING BOX
Code 22627



FTR F7
230X250X48
Code 22628



PANNELLO INSTALLATORE SKP10
Code 22629

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