

Enave-C 100 P A14

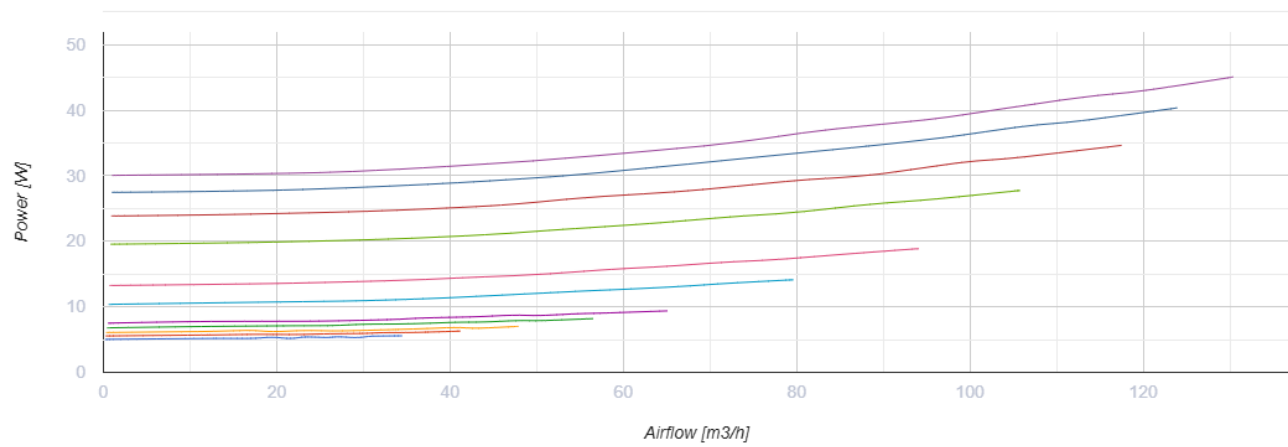
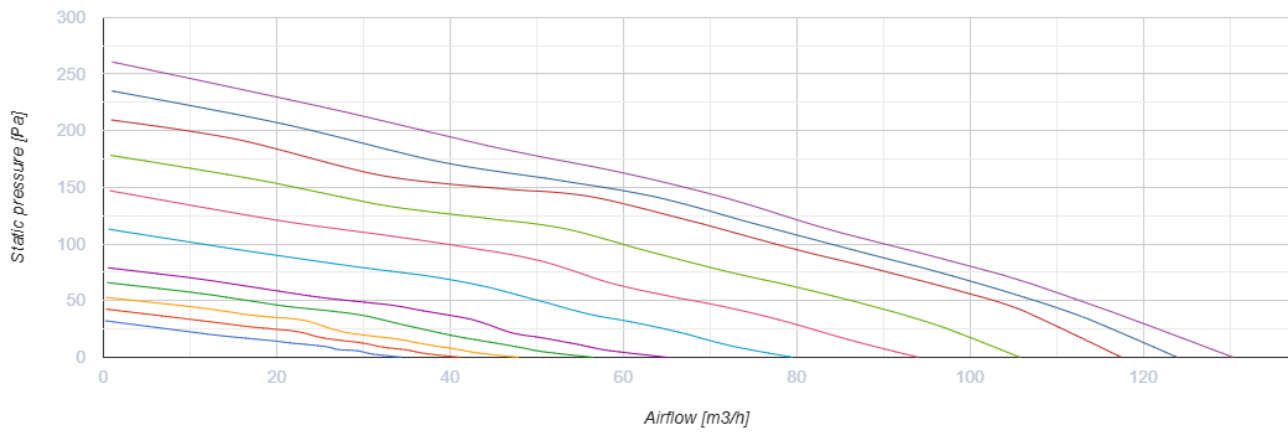


Heat recovery air handling units in sound- and heat-insulated casings

- Maximum airflow: 130
- Sound pressure level LpA at 3 m: 32
- Heat exchanger type: Counter flow
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option F7 / ePM1 60%)
- Sound insulation
- Motor type: EC
- Control: Remote Control
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional

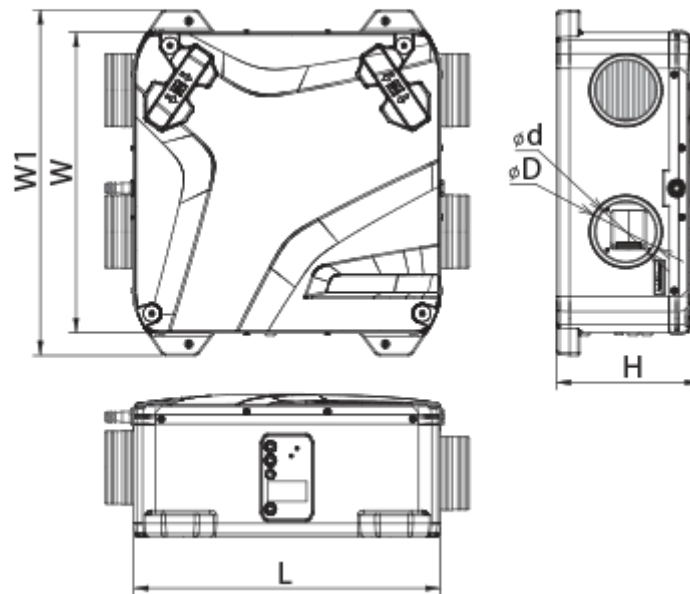
	Unit of measurement	Enave-C 100 P A14
Connected air duct size	mm	125/100
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	45
Unit current	A	0.34
Maximum airflow	m ³ /h	130
Sound pressure level LpA at 3 m	dB(A)	32
Heat recovery efficiency, max	%	94
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	8
Extract filter	-	G4 / Coarse > 60%
Supply filter	-	G4 / Coarse > 60% (option F7 / ePM1 60%)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-23
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	60

Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44







Dimensions

ØD	Ød	H	W	L	W1	B
125	104	247	522	530	600	630




Accessories


Sensors

Name	Photo	Description
CO2-1		CO2 sensors
CO2-2		CO2 sensors
HR-S		Electro-mechanical humidistats
HV2		Humidity sensor



Condensation drainage

Name	Photo	Description
SH-32		The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems


For round ducts

Name	Photo	Description
KRV 125		Air damper for air flow cut-off in round air ducts

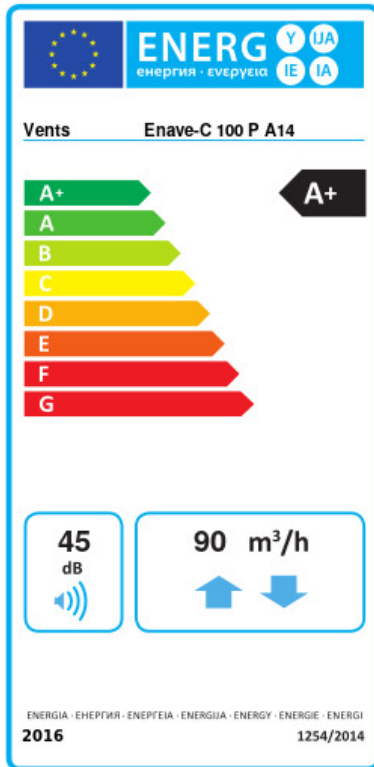
Other accessories

Name	Photo	Description
SF 176x150x22 F7		F7 panel filter
SF 176x150x22 G4		Panel filter G4

Electric actuators

Name	Photo	Description
Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m ² performing protection functions

Ecodesign



Trademark	Vents					
Model	Enave-C 100 P A14					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-81	A+	-42.3	A+	-17.5	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	86					
Maximum flow rate (m ³ /h)	90					
Electric power input (W)	37					
Reference flow rate (m ³ /s)	0.018					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.254					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.8					
Maximum external leakage rates (%)	3					
Declared typology	RVU BVU					
Sound power level (dB(A))	45					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	716.4		179.4		134.4	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	9019		4610		2085	