

# 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

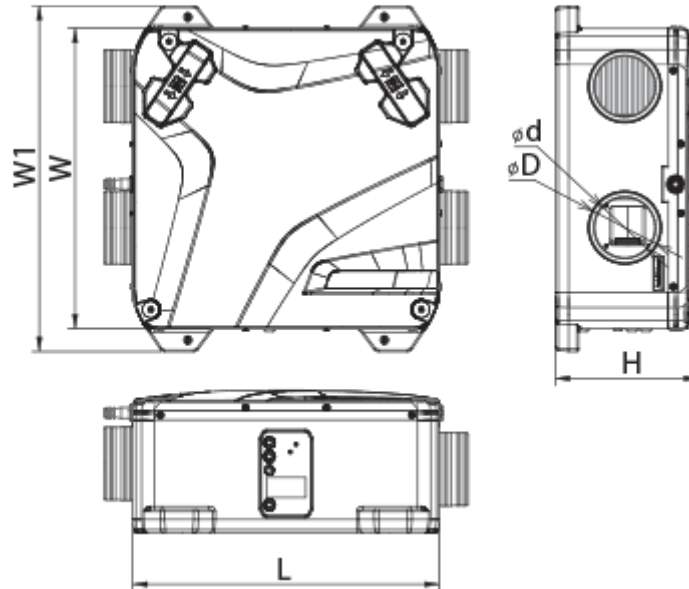
	Unit of measurement	Enave-C 100 P A14
Connected air duct size	mm	125/100
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	45
Unit current	A	0.34
Maximum airflow	m <sup>3</sup> /h	130
Sound pressure level LpA at 3 m	dB(A)	32
Heat 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

### Other accessories


Name	Photo	Description
SF 176x160x22 G4		Panel filter G4
SF 176x160x22 F7		F7 panel filter
SF 176x150x22 F7		F7 panel filter
SF 176x150x22 G4		Panel filter G4

### Sensors

Name	Photo	Description
<a href="#">CO2-1</a>		CO2 sensors

<a href="#">CO2-2</a>		CO2 sensors
<a href="#">HR-S</a>		Electro-mechanical humidistats
<a href="#">HV2</a>		Humidity sensor



### Condensation drainage

Name	Photo	Description
<a href="#">SH-32</a>		The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems

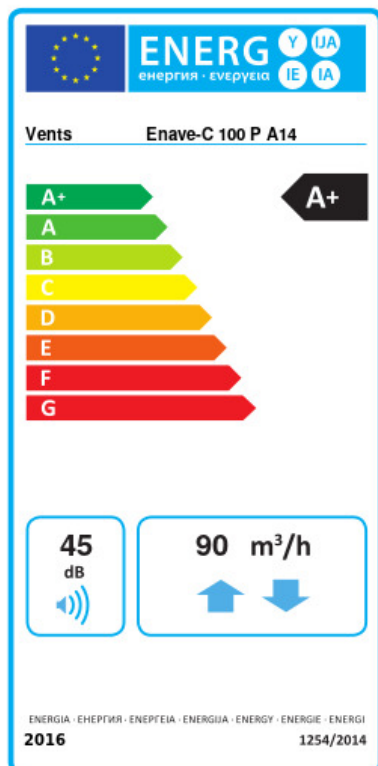
### For round ducts

Name	Photo	Description
<a href="#">KRV 125</a>		Air damper for air flow cut-off in round air ducts

### Electric actuators

Name	Photo	Description
<a href="#">Belimo LF230</a>		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m <sup>2</sup> performing protection functions
<a href="#">Belimo TF230</a>		The actuators are designed for controlling air dampers with cross section up to 0.4 m <sup>2</sup> performing protection functions

## Ecodesign



Trademark	Vents					
Model	Enave-C 100 P A14					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /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 <sup>3</sup> /h)	90					
Electric power input (W)	37					
Reference flow rate (m <sup>3</sup> /s)	0.018					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /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	