

# Enave-T 241 P A14



Heat recovery air handling unit in sound- and heat-insulated casing made of expanded polypropylene

- Maximum airflow: 310
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Counter flow
- Extract filter: Coarse > 60 % (G4)
- Supply filter: Coarse > 60 % (G4) (option ePM1 60 % (F7))
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Manual
- Control: Wired control panel
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional

	Unit of measurement	Enave-T 241 P A14
Connected air duct size	mm	160
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	171
Unit current	A	1.34
Maximum airflow	m <sup>3</sup> /h	310
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	81
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	16
Extract filter	-	Coarse > 60 % (G4)
Supply filter	-	Coarse > 60 % (G4) (option ePM1 60 % (F7))
Transported air temperature (max)	°C	45
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
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## Dimensions

<b>H</b>	<b>W</b>	<b>L</b>	<b>D</b>	<b>W1</b>	<b>L1</b>
272	640	930	160	300	627




## Accessories

### Other accessories



Name	Photo	Description
SF 205x200x48 Coarse 90% G4		Panel filter G4
SF 205x200x48 ePM1 60% F7		F7 panel filter

### Cooker Hoods


Name	Photo	Description
<a href="#">PD-Enave 181 P</a>		Decorative panel

### Sensors




Name	Photo	Description
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<a href="#">HV2</a>		Humidity sensor
<a href="#">CO2-3</a>		CO2 sensor
<a href="#">CO2-1</a>		CO2 sensors
<a href="#">CO2-2</a>		CO2 sensors
<a href="#">HR-S</a>		Electro-mechanical humidistats


### 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="#">SR 160/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 160/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 160/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

### For round ducts

Name	Photo	Description
<a href="#">KRV 160</a>		Air damper for air flow cut-off in round air ducts

### Electric actuators

Name	Photo	Description
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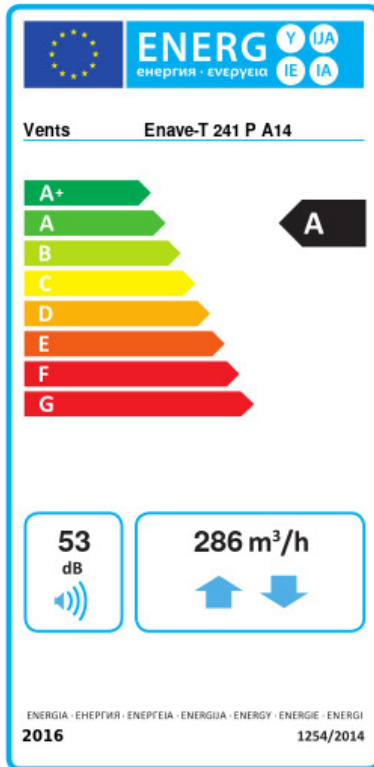
[Belimo TF230](#)


The actuators are designed for controlling air dampers with cross section up to 0.4 m<sup>2</sup> performing protection functions

## Flanges

Name	Photo	Description
<a href="#">PD-Enave 181 P</a>		Decorative panel

## Ecodesign



Trademark	Vents			
Model	Enave-T 241 P A14			
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold	Average	Warm	
	73.2	A+	37.9	A 15 E
Type of ventilation unit	Bidirectional			
Type of drive installed	Variable speed			
Type of heat recovery system	Recuperative			
Thermal efficiency of heat recovery (%)	69			
Maximum flow rate (m <sup>3</sup> /h)	286			
Electric power input (W)	171			
Reference flow rate (m <sup>3</sup> /s)	0.056			
Reference pressure difference (Pa)	50			
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.323			
Control typology	Local demand control			
Maximum internal leakage rates (%)	2.7			
Maximum external leakage rates (%)	2.7			
Declared typology	RVU BVU			
Sound power level (dB(A))	53			
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm	
	753	216	171	
The annual heating saved (AHS) (kWh/a)	Cold	Average	Warm	
	8331	4258	1926	