

Enave 350 V L A21

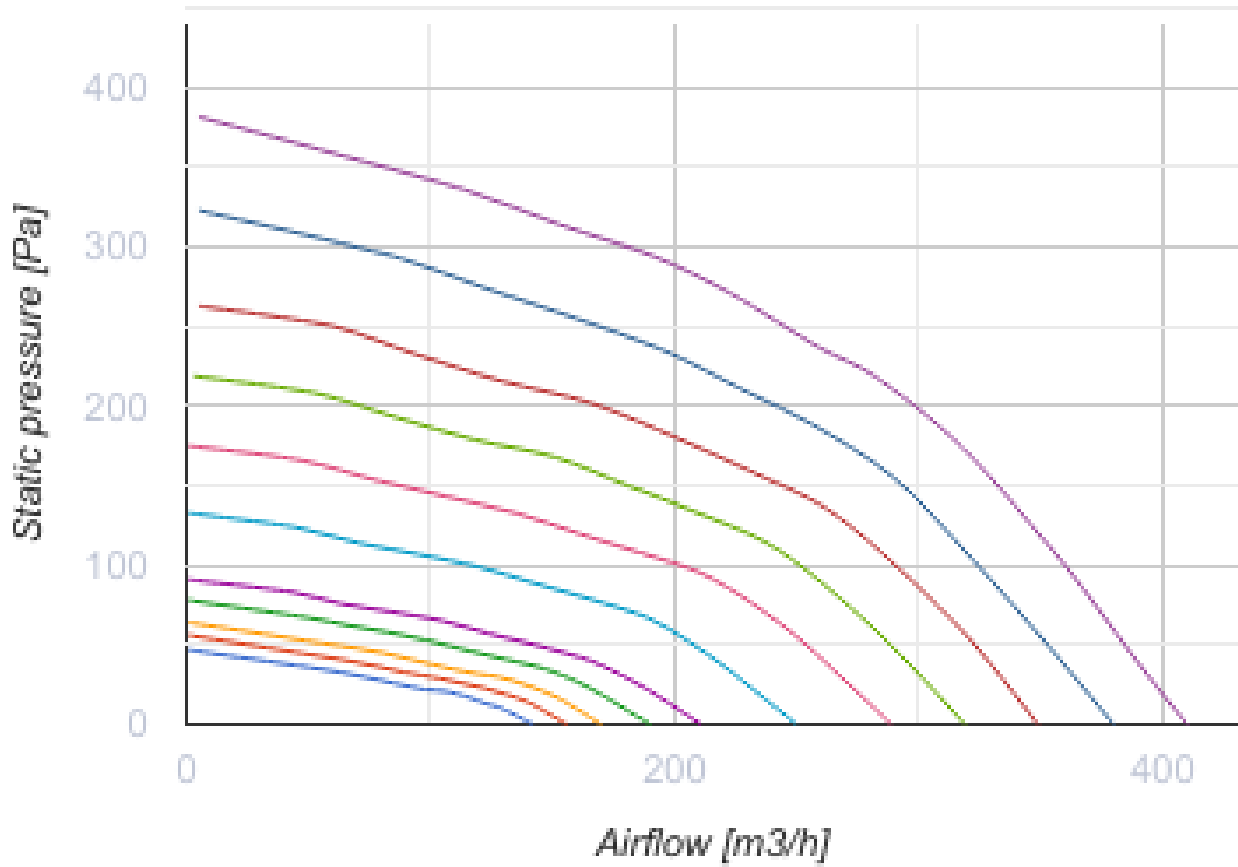


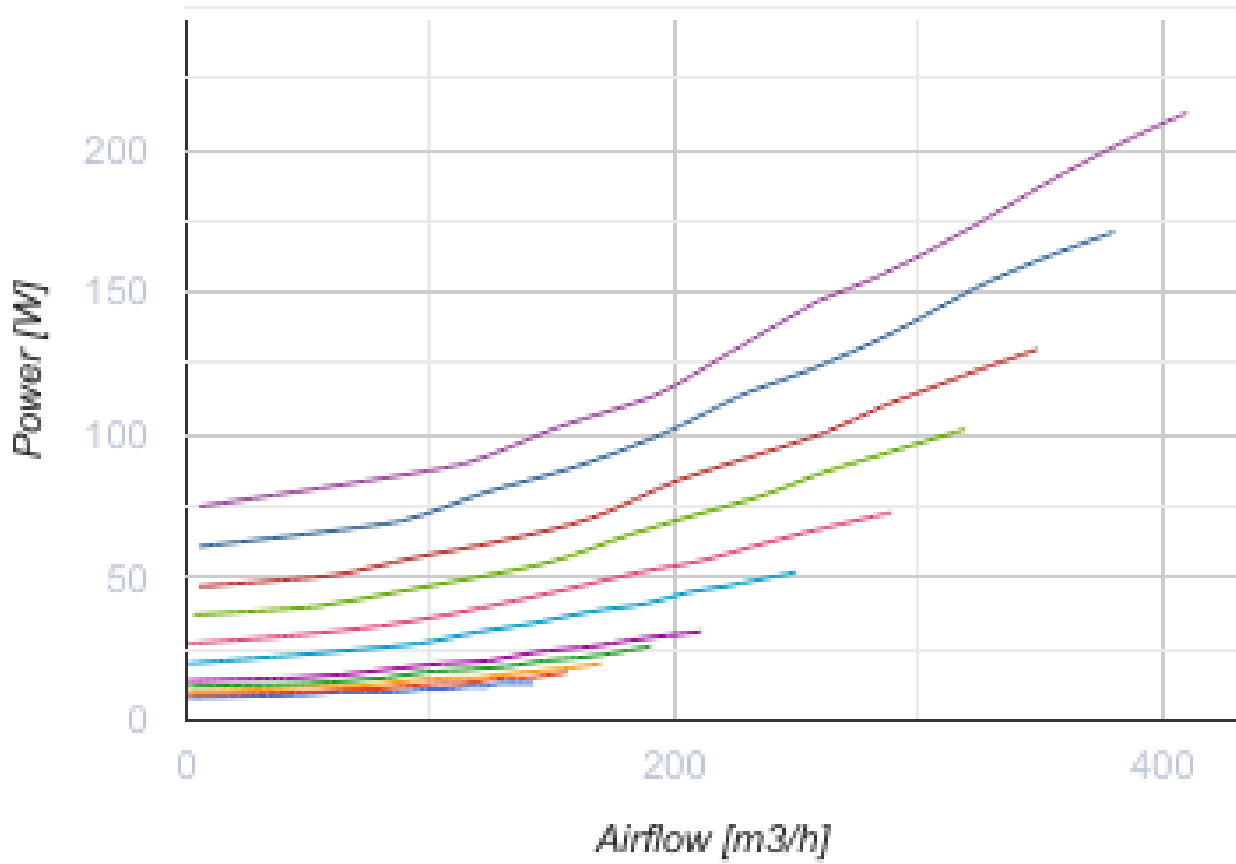
Vertical air handling units with a counterflow polystyrene or enthalpy heat exchanger

- Maximum airflow: 410
- Sound pressure level LpA at 3 m: 26
- Heat exchanger type: Counter flow
- Extract filter: Coarse > 60 %
- Supply filter: Coarse > 60 % (option ePM1 60 %)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Optional
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	Enave 350 V L A21
Connected air duct size	mm	160
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	213
Unit current	A	1.62
Maximum airflow	m ³ /h	410
Sound pressure level LpA at 3 m	dB(A)	26
Heat recovery efficiency, max	%	93
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	26
Extract filter	-	Coarse > 60 %
Supply filter	-	Coarse > 60 % (option ePM1 60 %)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	60

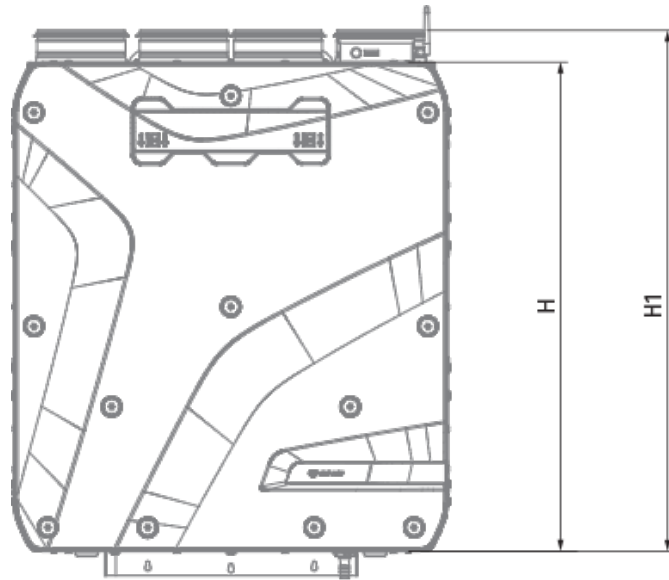
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44







Dimensions

Ø D	H	H1	L	L1	W	W1
160	880	939	616	230	770	355






Accessories






Other accessories

Name	Photo	Description
SF 496x150x60 Coarse 90% G4		Panel filter G4
SF 496x150x60 ePM1 65% F7		F7 panel filter

Control Panels for AHU

Name	Photo	Description
A25		Touch screen control panel for controlling industrial and residential air handling units
A22		Control panels for controlling industrial and residential air handling units
A22 WiFi		Control panels for controlling industrial and residential air handling units

Sensors


Name	Photo	Description
HV2		Humidity sensor
CO2-3		CO2 sensor
CO2-1		CO2 sensors
CO2-2		CO2 sensors
HR-S		Electro-mechanical humidistat

Electrical heaters




Name	Photo	Description
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NKP 160-0,8-1 A21 V.2		Inline heaters for heat exchanger frost protection
NKP 160-1,2-1 A21 V.2		Inline heaters for heat exchanger frost protection
NKP 160-1,7-1 A21 V.2		Inline heaters for heat exchanger frost protection
NKP 160-2,0-1 A21 V.2		Inline heaters for heat exchanger frost protection
NKD 160-0,8-1 A21 V.2		Inline supply air reheaters with external control
NKD 160-1,2-1 A21 V.2		Inline supply air reheaters with external control
NKD 160-1,7-1 A21 V.2		Inline supply air reheaters with external control
NKD 160-2,0-1 A21 V.2		Inline supply air reheaters with external control

Condensation drainage

Name	Photo	Description
SH-32		Hydraulic U-trap to drain condensate from heat exchangers and coolers

For round ducts

Name	Photo	Description
SR 160/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 160/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 160/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material


For round ducts

Name	Photo	Description
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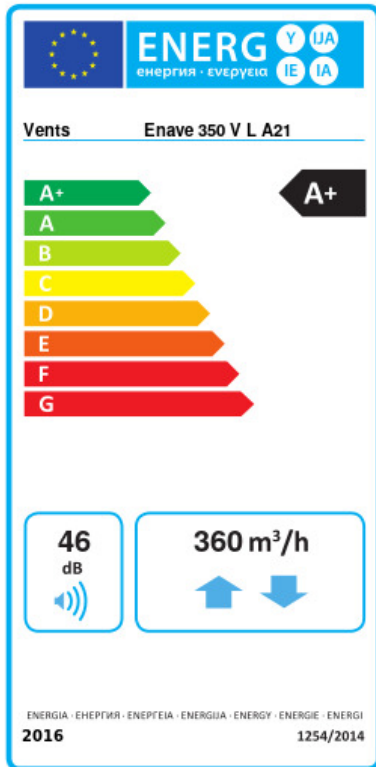
[KRV 160](#)


Air dampers for automatic air flow control in round ducts

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 350 V L A21					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	82.6	A+	43	A+	17.8	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	90					
Maximum flow rate (m ³ /h)	360					
Electric power input (W)	213					
Reference flow rate (m ³ /s)	0.071					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.26					
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))	46					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	720		183		138	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	9181		4693		2122	