

Enave 550 VE A21 R

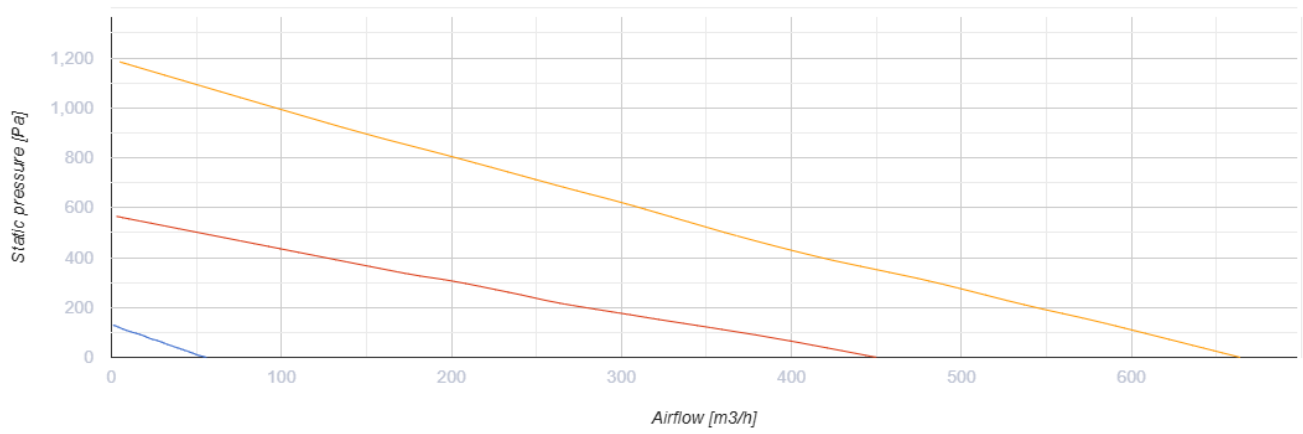


Vertical air handling units with a counterflow polystyrene or enthalpy heat exchanger

- Power of electrical preheater: 1400
- Maximum airflow: 660
- Sound pressure level LpA at 3 m: 57
- 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: Built-in
- 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 550 VE A21 R
Connected air duct size	mm	200
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	347
Power of electrical preheater	W	1400
Unit current	A	8.61
Maximum airflow	m ³ /h	660
Sound pressure level LpA at 3 m	dB(A)	57
Heat recovery efficiency, max	%	91
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	28
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
200	885	943	711	250	820	365






Accessories






Other accessories

Name	Photo	Description
SF 596x164x60 Coarse 90% G4		Panel filter G4
SF 596x164x60 ePM1 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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NKD 200-1,2-1 A21 V.2		Inline supply air reheaters with external control
NKD 200-1,7-1 A21 V.2		Inline supply air reheaters with external control
NKD 200-2,0-1 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 200/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 200/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 200/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

For round ducts

Name	Photo	Description
KRV 200		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