

# Enave 550 V A21 R

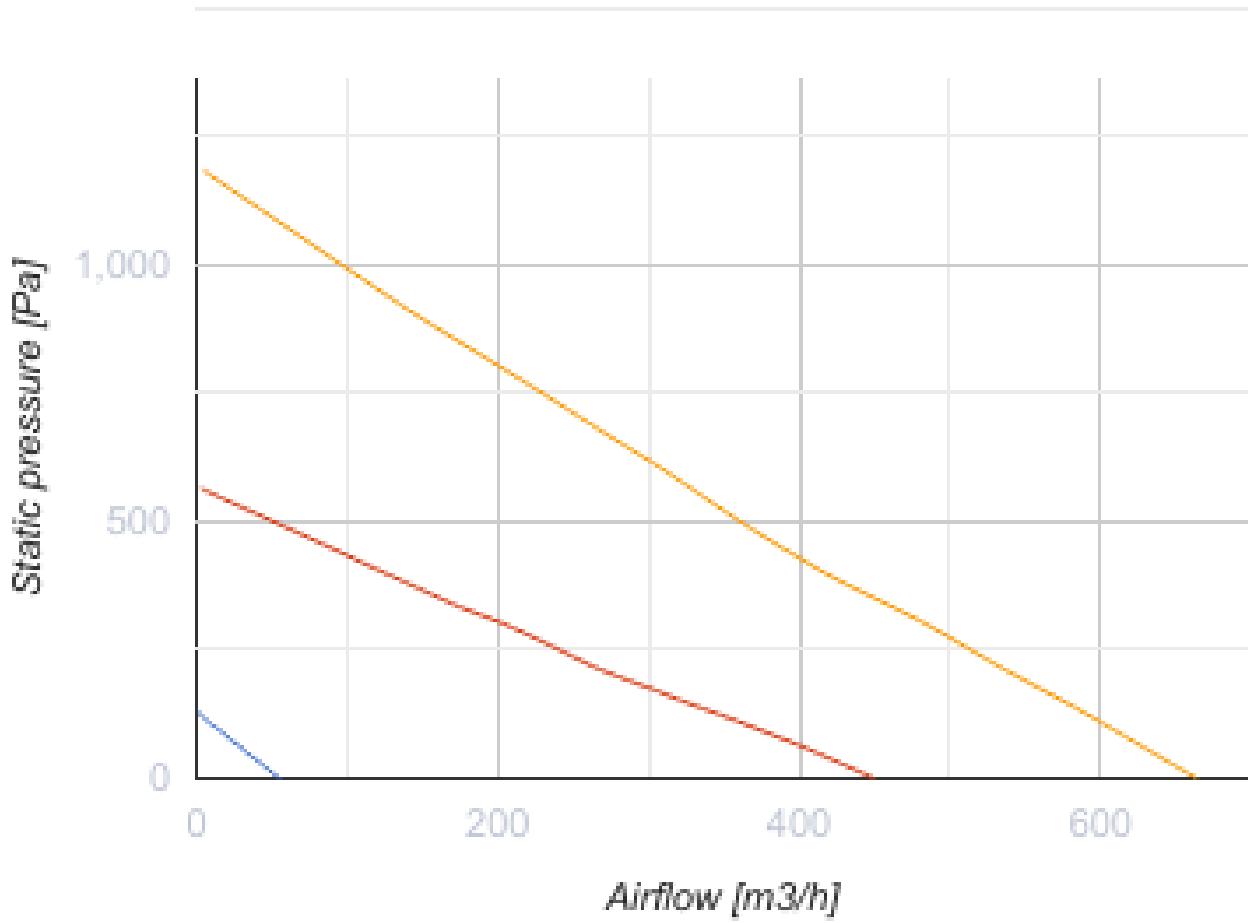


Heat recovery air handling units in sound- and heat-insulated casings made of expanded polypropylene

- 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: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional

	Unit of measurement	Enave 550 V 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
Unit current	A	2.4
Maximum airflow	m <sup>3</sup> /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
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**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
<a href="#">A25</a>		The control panel with a sensor display
<a href="#">A22</a>		The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system.
<a href="#">A22 WiFi</a>		The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system.

### Sensors


Name	Photo	Description
<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

### Electrical heaters




Name	Photo	Description
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<a href="#">NKP 200-1,2-1 A21 V.2</a>		Heater for heat exchanger freeze protection
<a href="#">NKP 200-1,7-1 A21 V.2</a>		Heater for heat exchanger freeze protection
<a href="#">NKP 200-2,0-1 A21 V.2</a>		Heater for heat exchanger freeze protection
<a href="#">NKD 200-1,2-1 A21 V.2</a>		Duct heater for supply air post-heating with external control
<a href="#">NKD 200-1,7-1 A21 V.2</a>		Duct heater for supply air post-heating with external control
<a href="#">NKD 200-2,0-1 A21 V.2</a>		Duct heater for supply air post-heating with external control

### 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 200/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 200/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 200/1200</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 200</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