

Enave 550 V A21 R

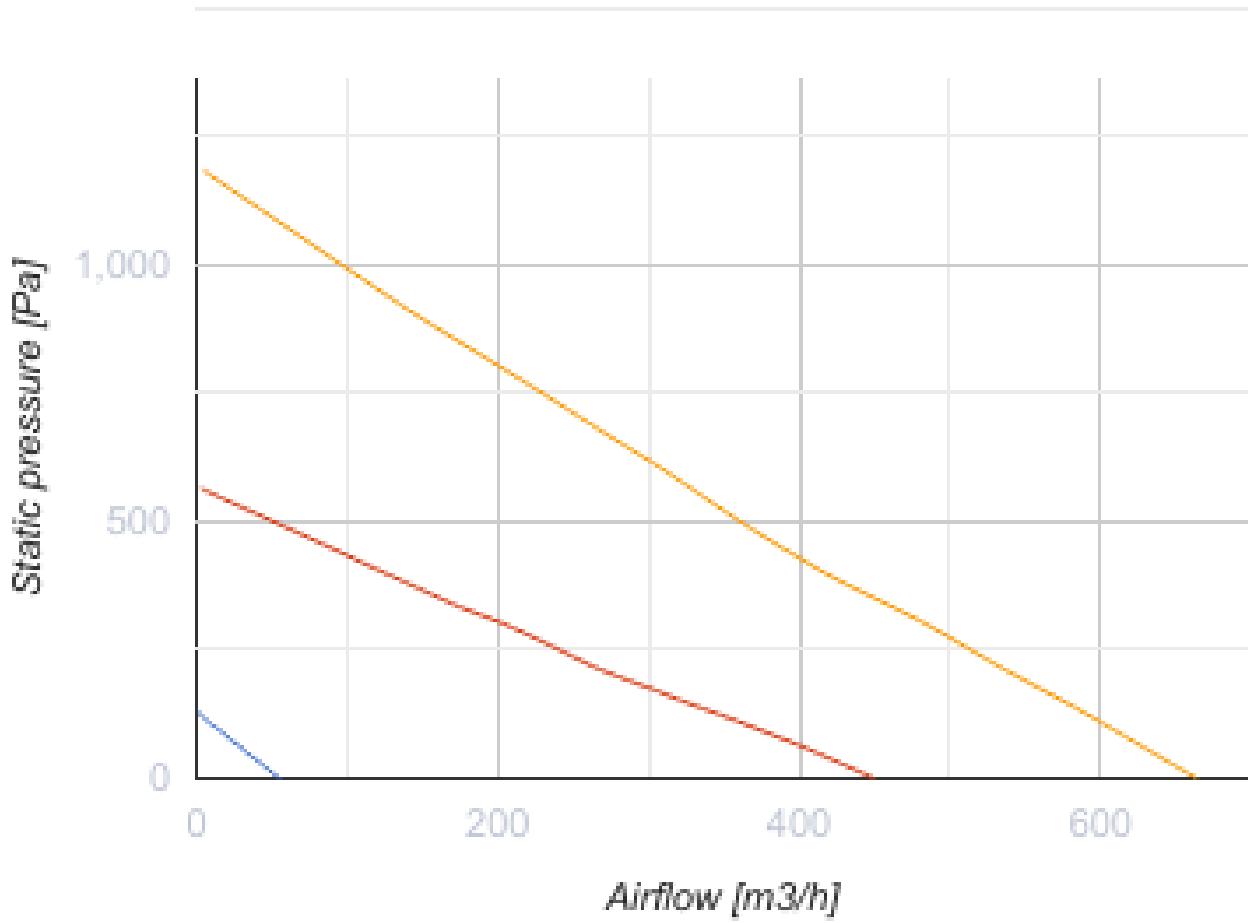


Vertical air handling units with a counterflow polystyrene or enthalpy heat exchanger

- 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 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 |
|------|-------|-------------|
|------|-------|-------------|

| | | |
|---------------------------------------|---|--|
| NKP 200-1,2-1 A21 V.2 |  | Inline heaters for heat exchanger frost protection |
| NKP 200-1,7-1 A21 V.2 |  | Inline heaters for heat exchanger frost protection |
| NKP 200-2,0-1 A21 V.2 |  | Inline heaters for heat exchanger frost protection |
| 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 m² performing protection functions