

Enave 270 VE A21 R

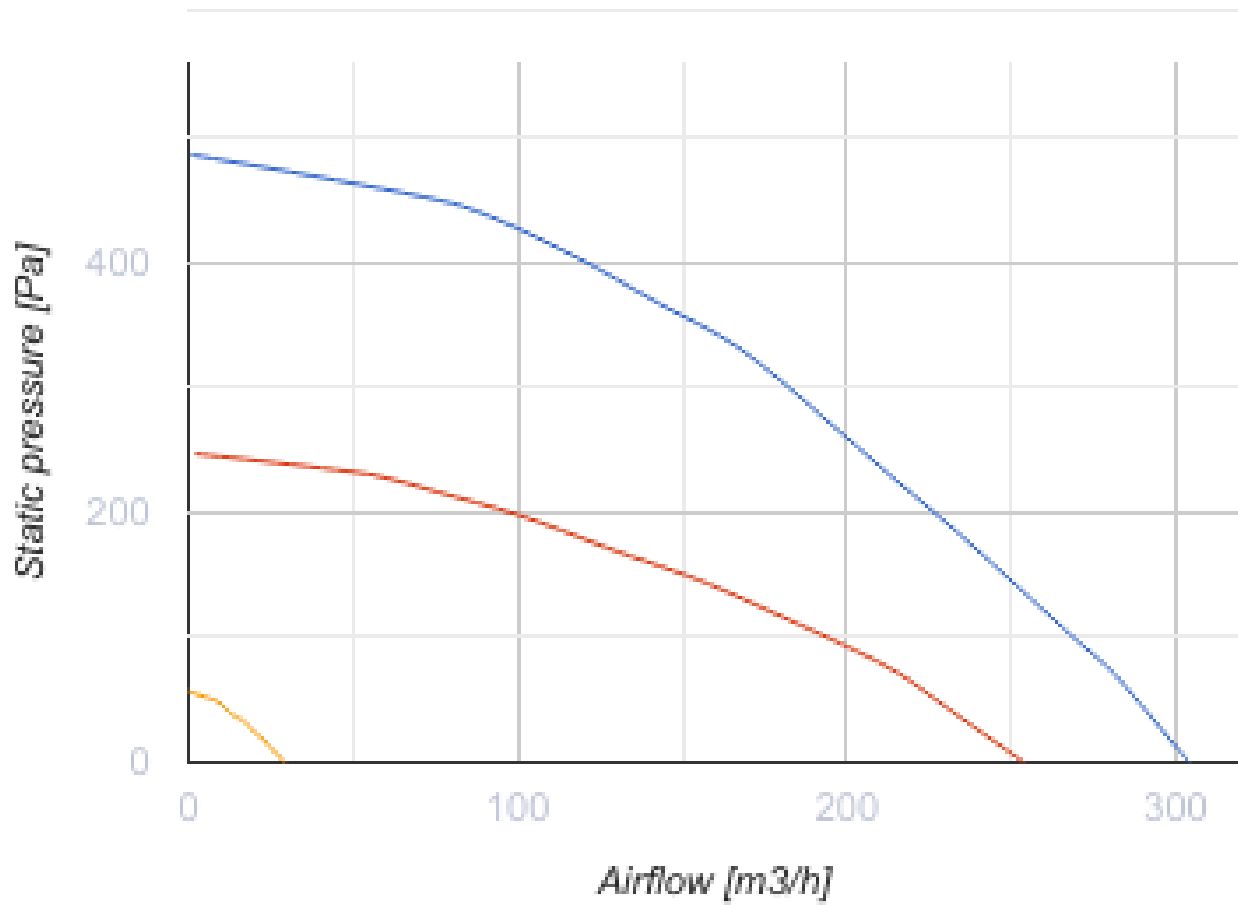


Heat recovery air handling units in sound- and heat-insulated casings made of expanded polypropylene

- Power of electrical preheater: 1400
- Maximum airflow: 304
- Sound pressure level LpA at 3 m: 37
- Heat exchanger type: Counter flow
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option F7 / 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 270 VE A21 R |
|-----------------------------------|---------------------|--|
| Connected air duct size | mm | 125 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 176 |
| Power of electrical preheater | W | 1400 |
| Unit current | A | 7.55 |
| Maximum airflow | m ³ /h | 304 |
| Sound pressure level LpA at 3 m | dB(A) | 37 |
| Heat recovery efficiency, max | % | 91 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 22 |
| Extract filter | - | G4 / Coarse > 60% |
| Supply filter | - | G4 / Coarse > 60% (option F7 / 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 |
|------------|----------|-----------|----------|-----------|----------|-----------|
| 125 | 852 | 909 | 419 | 160 | 600 | 273 |






Accessories






Other accessories

| Name | Photo | Description |
|-----------------------------|---|-----------------|
| SF 356x100x48 Coarse 90% G4 |  | Panel filter G4 |
| SF 356x100x48 ePM1 65% F7 |  | F7 panel filter |

Control Panels for AHU




| Name | Photo | Description |
|--------------------------|---|---|
| A25 |  | The control panel with a sensor display |
| A22 |  | The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system. |
| A22 WiFi |  | 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 |
|-----------------------|---|--------------------------------|
| HV2 |  | Humidity sensor |
| CO2-3 |  | CO2 sensor |
| CO2-1 |  | CO2 sensors |
| CO2-2 |  | CO2 sensors |
| HR-S |  | Electro-mechanical humidistats |

For round ducts




| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

| | | |
|-----------------------------|---|---|
| SR 125/900 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 125/600 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 125/1200 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |


Condensation drainage

| Name | Photo | Description |
|-----------------------|---|---|
| SH-32 |  | The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems |


Electrical heaters

| Name | Photo | Description |
|---------------------------------------|---|---|
| NKD 125-0,6-1 A21 V.2 |  | Duct heater for supply air post-heating with external control |
| NKD 125-0,8-1 A21 V.2 |  | Duct heater for supply air post-heating with external control |
| NKD 125-1,2-1 A21 V.2 |  | Duct heater for supply air post-heating with external control |

For round ducts

| Name | Photo | Description |
|-------------------------|---|--|
| KRV 125 |  | Air damper for air flow cut-off in round air 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 |