

Enave-T 550 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: 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
- Enthalpy heat exchanger
- 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-T 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 | % | 80 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Enthalpy |
| 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 |  | 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 |

Electrical heaters


| Name | Photo | Description |
|---------------------------------------|---|---|
| NKD 200-1,2-1 A21 V.2 |  | Duct heater for supply air post-heating with external control |

| | | |
|---------------------------------------|---|---|
| NKD 200-1,7-1 A21 V.2 |  | Duct heater for supply air post-heating with external control |
| NKD 200-2,0-1 A21 V.2 |  | Duct heater for supply air post-heating with external control |


For round ducts

| Name | Photo | Description |
|-----------------------------|---|---|
| SR 200/600 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 200/900 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 200/1200 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |

For round ducts

| Name | Photo | Description |
|-------------------------|---|--|
| KRV 200 |  | 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 |