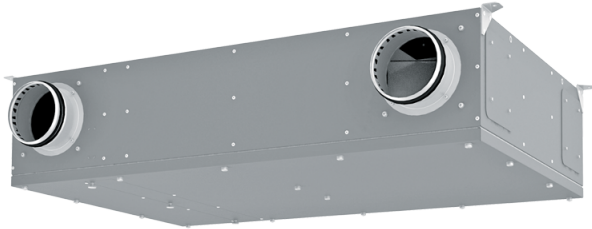


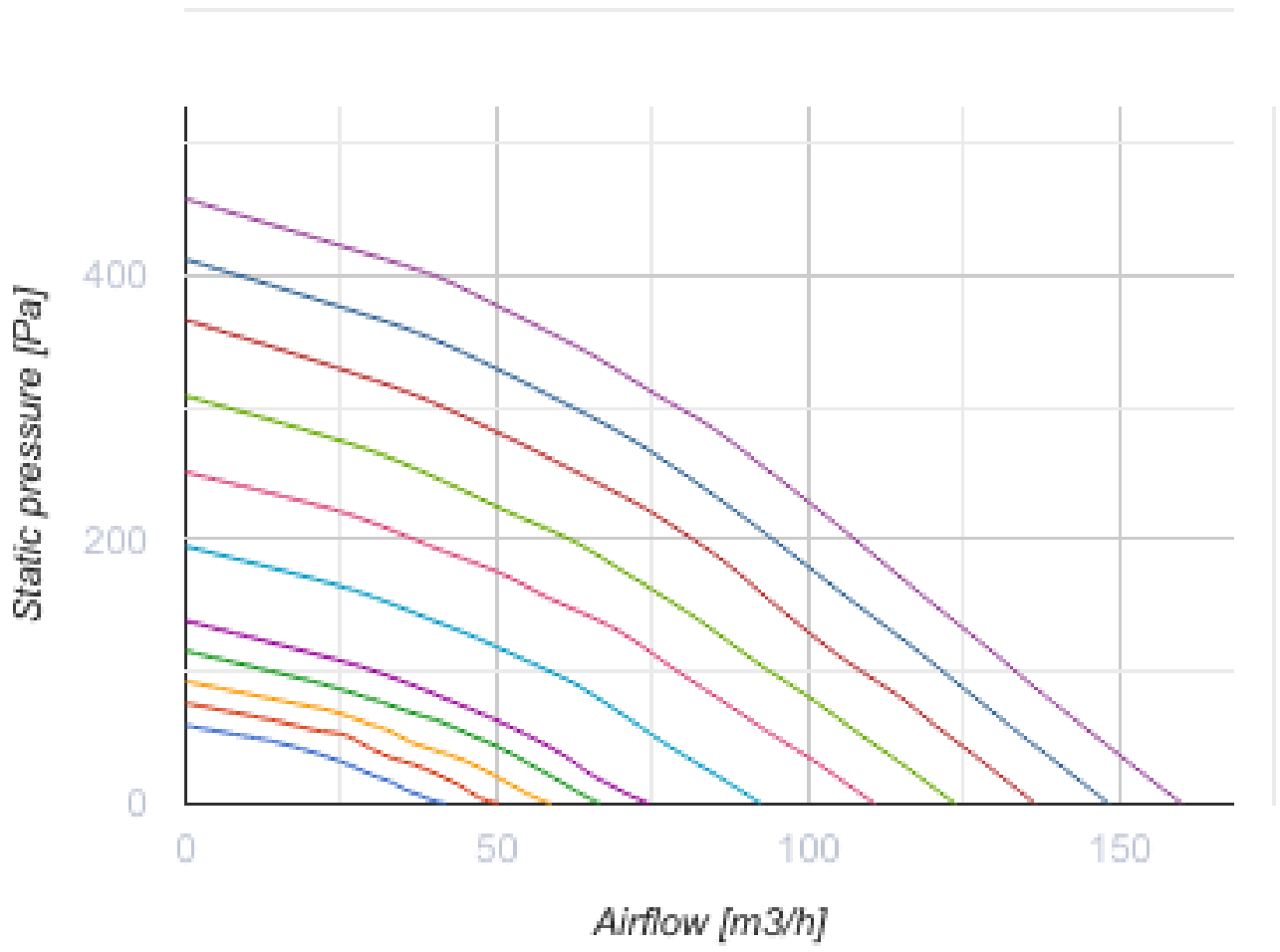
Uni ERV R A21

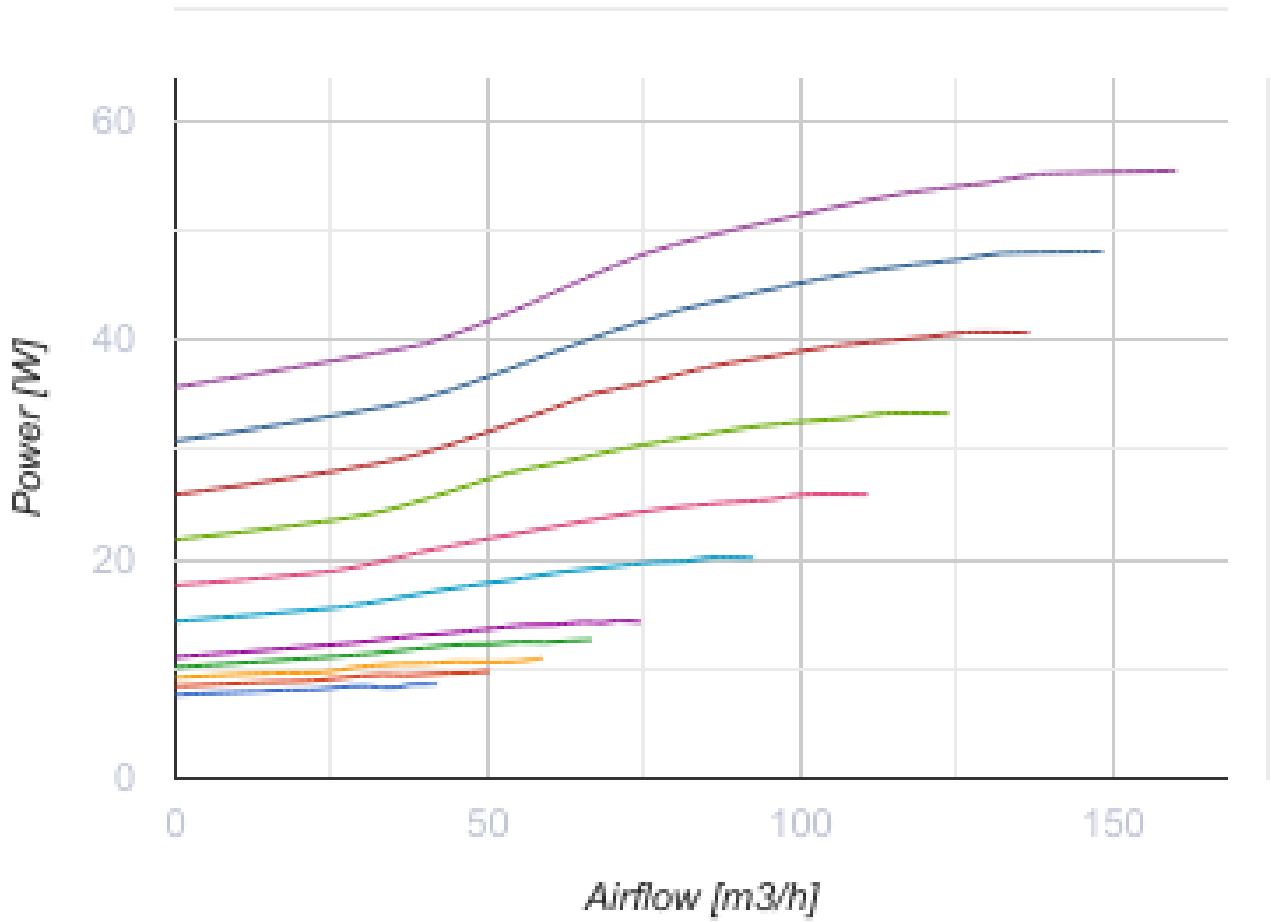


Hybrid decentralized universal installation type unit for single-room apartments with an air flow of up to 160 m³/h

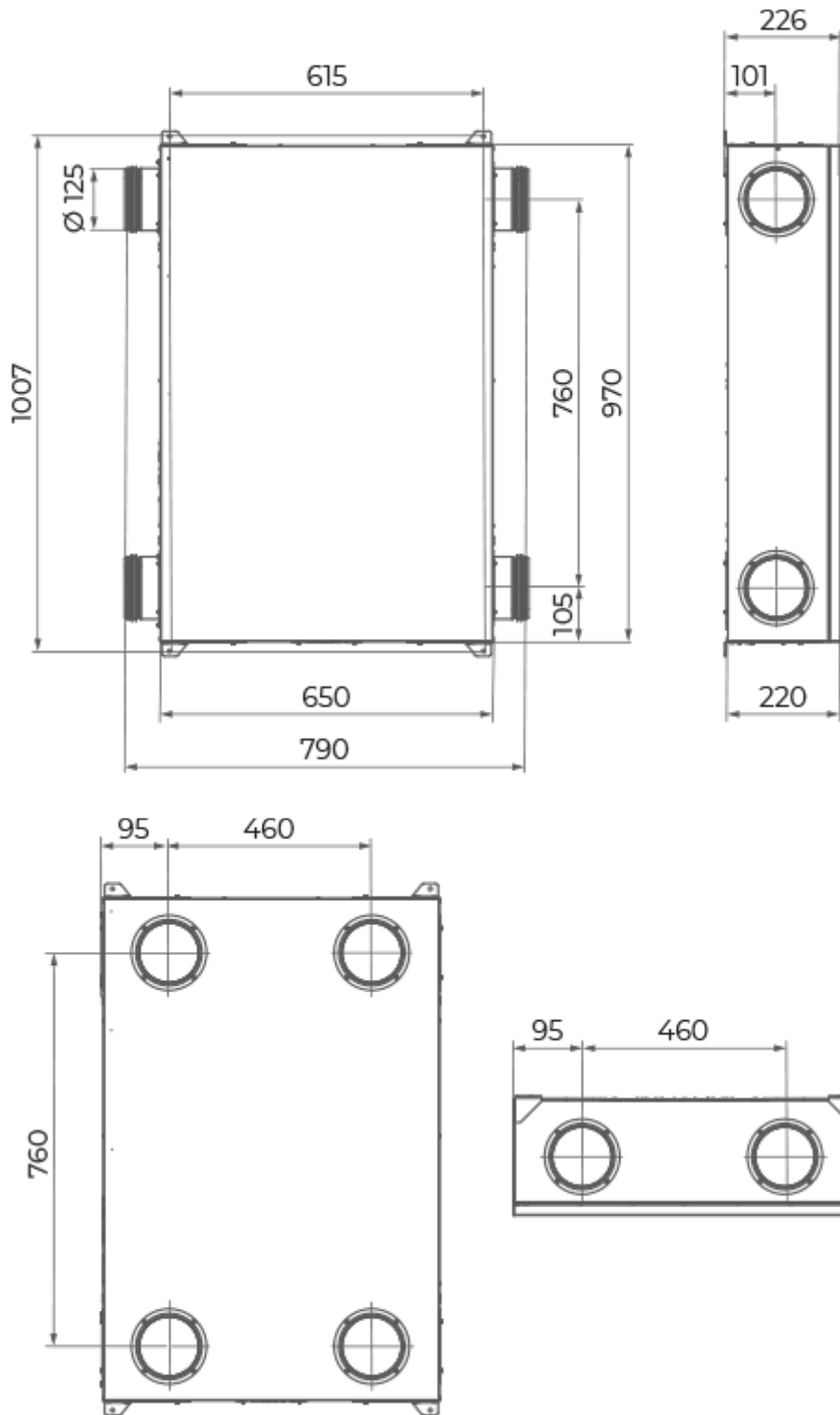
- Maximum airflow: 160
- Sound pressure level LpA at 3 m: 33
- Sound pressure level LpA at 1 m: 42
- Heat exchanger type: Counter flow
- Extract filter: Coarse 90% / G4
- Supply filter: ePM1 70% / F7 (G4 option)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

| | Unit of measurement | Uni ERV R A21 | | |
|-----------------------------------|---------------------|---------------------------|----|-----|
| Connected air duct size | mm | 125 | | |
| Speed | - | 3 | | |
| Minimum supply voltage | V | 230 | | |
| Maximum supply voltage | V | 230 | | |
| Power supply frequency | Hz | 50/60 | | |
| Rated power | W | 58 | | |
| Unit current | A | 0.5 | | |
| Maximum airflow | m ³ /h | 60 | 90 | 160 |
| Sound pressure level LpA at 3 m | dB(A) | 33 | | |
| Sound pressure level LpA at 1 m | dB(A) | 42 | | |
| Heat recovery efficiency, max | % | 89 | | |
| Heat exchanger type | - | Counter flow | | |
| Heat exchanger material | - | Enthalpy | | |
| Weight | kg | 31 | | |
| Extract filter | - | Coarse 90% / G4 | | |
| Supply filter | - | ePM1 70% / F7 (G4 option) | | |
| Transported air temperature (max) | °C | 40 | | |
| Transported air temperature (min) | °C | -25 | | |





Dimensions






Accessories

Other accessories







| Name | Photo | Description |
|------------------|---|-----------------|
| SF 233x175x22 G4 |  | Panel filter G4 |

| | | |
|------------------|---|-----------------|
| SF 233x175x22 F7 |  | F7 panel filter |
|------------------|---|-----------------|


Control Panels for AHU

| Name | Photo | Description |
|--------------------------|---|--|
| A22 |  | Control panels for controlling industrial and residential air handling units |
| A22 WIFI |  | Control panels for controlling industrial and residential air handling units |
| A25 |  | Touch screen control panel for controlling industrial and residential air handling units |

Sensors




| Name | Photo | Description |
|---------------------------|---|-------------------------------|
| HV2 |  | Humidity sensor |
| HR-S |  | Electro-mechanical humidistat |
| CO2-1 |  | CO2 sensors |
| CO2-2 |  | CO2 sensors |
| CO2-3 |  | CO2 sensor |
| DPWC11200 |  | Humidity sensor |

VOC sensors

| Name | Photo | Description |
|---------------------------|---|-------------|
| DPWQ30600 |  | VOC sensors |

| | | |
|---------------------------|---|------------|
| DPWQ40200 |  | CO2 sensor |
|---------------------------|---|------------|

Electrical heaters

| Name | Photo | Description |
|---------------------------------------|---|---|
| NKD 125-0,6-1 A21 V.2 |  | Inline supply air reheaters with external control |
| NKD 125-0,8-1 A21 V.2 |  | Inline supply air reheaters with external control |
| NKD 125-1,2-1 A21 V.2 |  | Inline supply air reheaters with external control |