

VUT 250 PB EC R A21

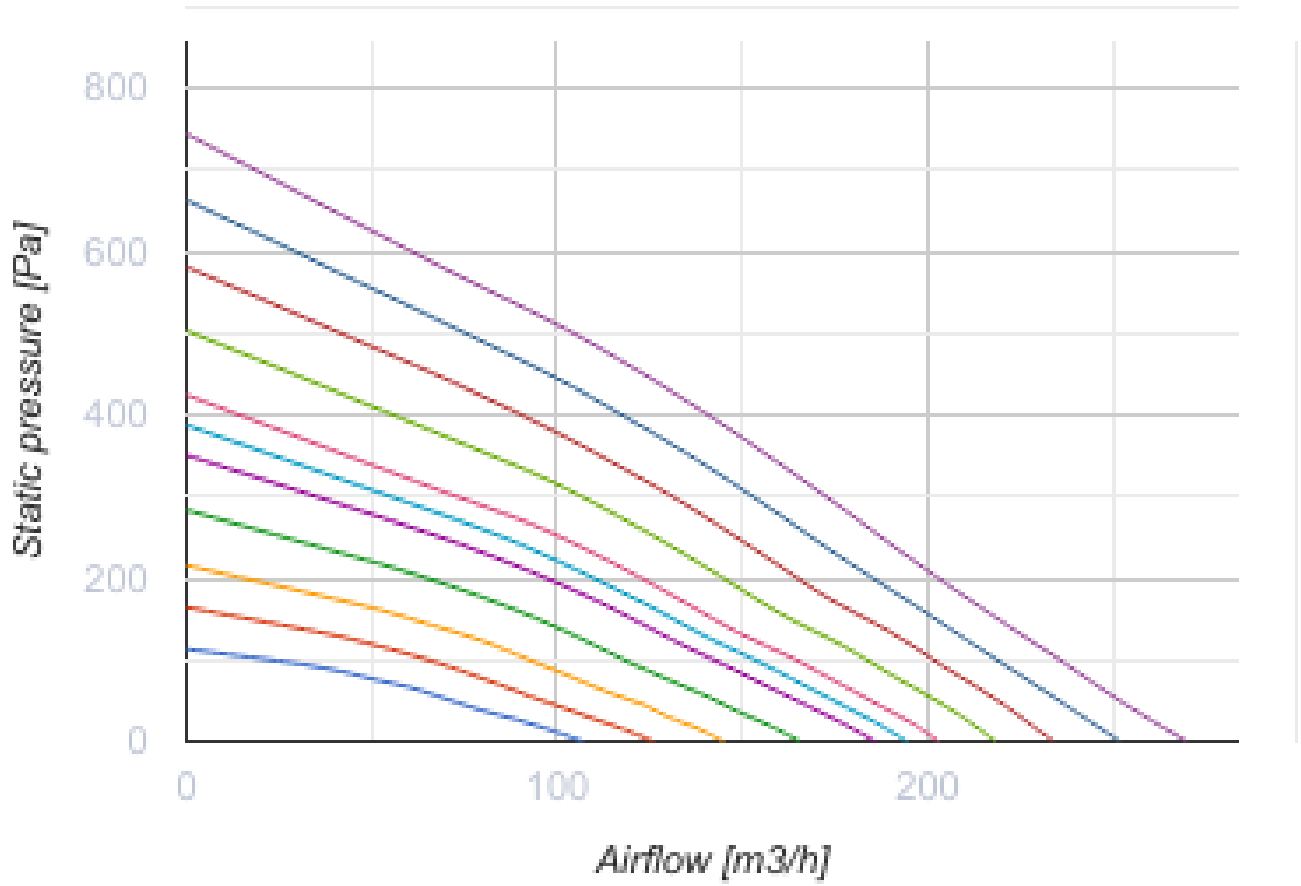
Air handling units in heat- and sound-insulated casing

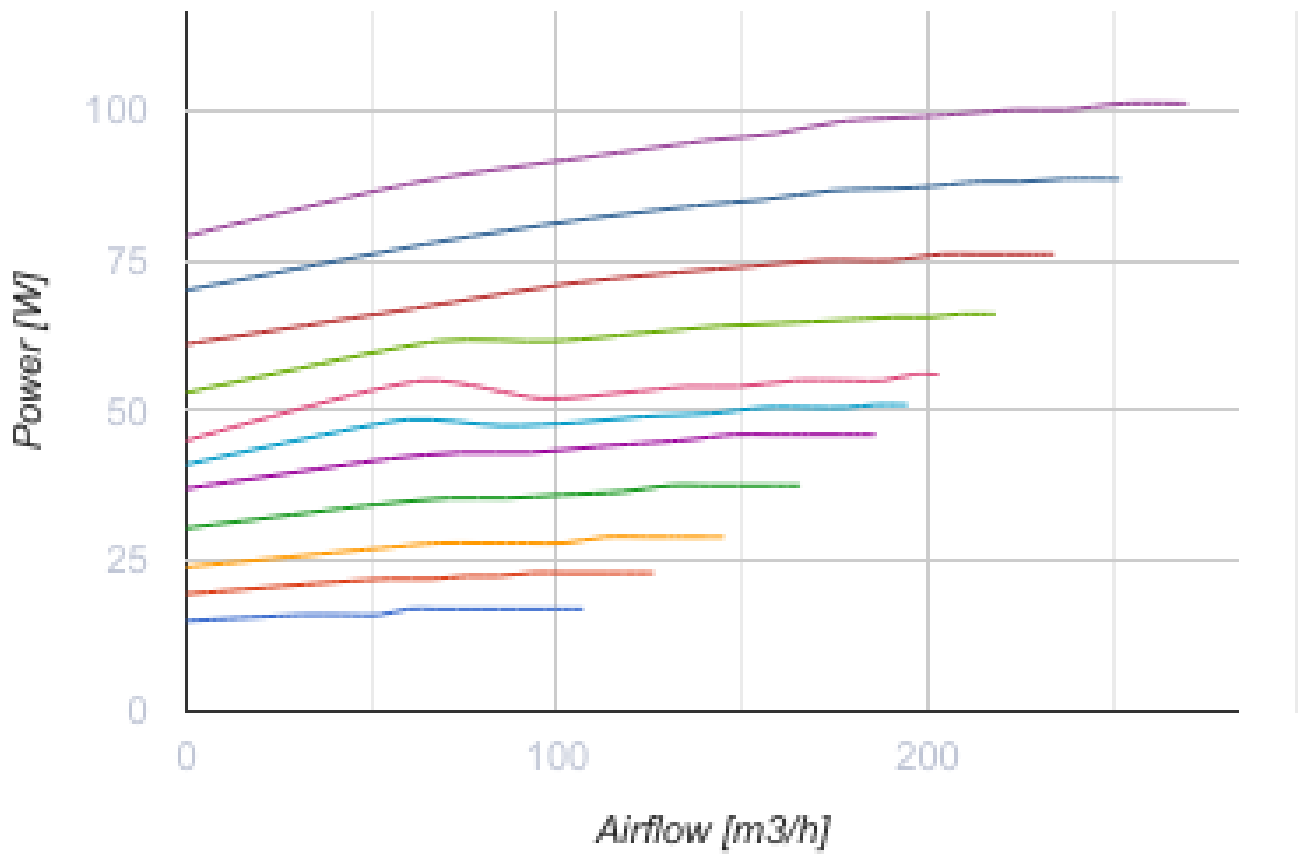


- Maximum airflow: 270
- Sound pressure level LpA at 3 m: 28
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: F7
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Optional
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

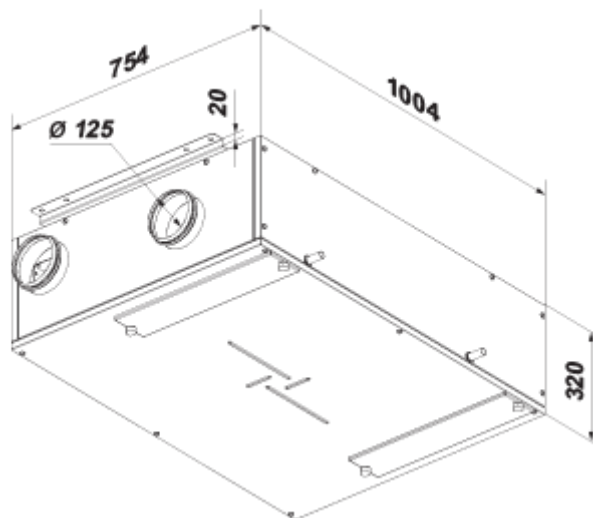
| | Unit of measurement | VUT 250 PB EC R A21 |
|-----------------------------------|---------------------|---------------------|
| Connected air duct size | mm | 125 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 101 |
| Unit current | A | 0.8 |
| Maximum airflow | m ³ /h | 270 |
| Sound pressure level LpA at 3 m | dB(A) | 28 |
| Heat recovery efficiency, max | % | 98 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 48 |
| Extract filter | - | G4 |
| Supply filter | - | F7 |
| 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 | % | 80 |
| Ingress protection rating | - | IP22 |

| | | |
|--|---|------|
| Ingress protection rating of the drive | - | IP44 |
|--|---|------|








Dimensions







Accessories






Control Panels for AHU


| Name | Photo | Description |
|--------------------------|---|---|
| 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. |
| A25 |  | The control panel with a sensor display |

Sensors


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

Electrical heaters


| Name | Photo | Description |
|---------------------------------------|---|---|
| NKP 125-0,6-1 A21 V.2 |  | Heater for heat exchanger freeze protection |
| NKP 125-0,8-1 A21 V.2 |  | Heater for heat exchanger freeze protection |
| NKP 125-1,2-1 A21 V.2 |  | Heater for heat exchanger freeze protection |
| 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 |
|---------------------------------------|---|---|


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 |



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 LF230 |  | The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m ² performing protection functions |

Other accessories

| Name | Photo | Description |
|------------------|---|-----------------|
| SF 403x253x48 G4 |  | Panel filter G4 |
| SF 403x253x48 F7 |  | F7 panel filter |

