

# VUTR 700 EH EC A18

Air handling units in heat- and sound-insulated casing with an electric or a water heater



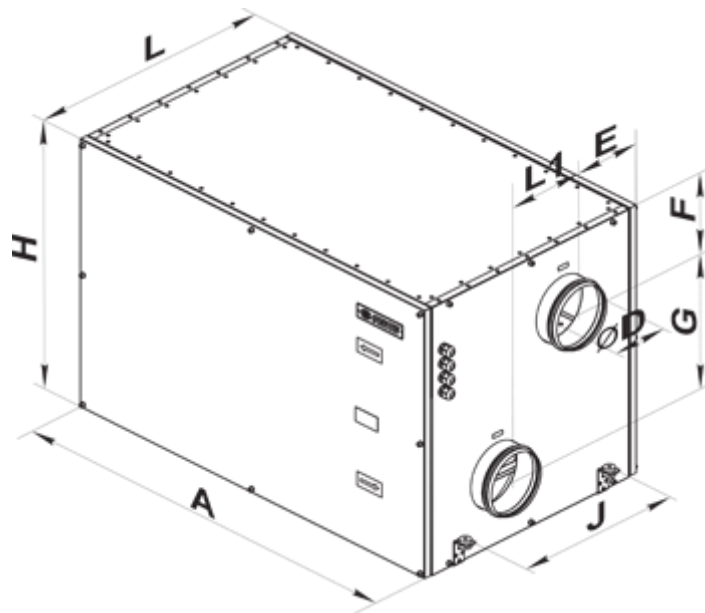
- Power of electrical reheater: 3300
- Maximum airflow: 700
- Sound pressure level LpA at 3 m: 52
- Heat exchanger type: Rotary
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

|                                   | Unit of measurement | VUTR 700 EH EC A18 |
|-----------------------------------|---------------------|--------------------|
| Connected air duct size           | mm                  | 250                |
| Speed                             | -                   | 1                  |
| Minimum supply voltage            | V                   | 230                |
| Maximum supply voltage            | V                   | 230                |
| Power supply frequency            | Hz                  | 50/60              |
| Rated power                       | W                   | 315                |
| Power of electrical reheater      | W                   | 3300               |
| Unit current                      | A                   | 15.8               |
| Maximum airflow                   | m <sup>3</sup> /h   | 700                |
| Sound pressure level LpA at 3 m   | dB(A)               | 52                 |
| Heat recovery efficiency, max     | %                   | 95                 |
| Heat exchanger type               | -                   | Rotary             |
| Heat exchanger material           | -                   | Aluminum           |
| Weight                            | kg                  | 128                |
| Extract filter                    | -                   | G4                 |
| Supply filter                     | -                   | G4                 |
| 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

| ØD  | A    | E   | F   | G   | J   | H   | L   | L1  |
|-----|------|-----|-----|-----|-----|-----|-----|-----|
| 249 | 1210 | 243 | 180 | 340 | 580 | 700 | 745 | 260 |






## Accessories

### VOC sensors

| Name                      | Photo                                                                               | Description |
|---------------------------|-------------------------------------------------------------------------------------|-------------|
| <a href="#">DPWQ30600</a> |  | VOC sensors |
| <a href="#">DPWQ40200</a> |  | CO2 sensor  |

### Sensors


| Name                      | Photo                                                                               | Description                    |
|---------------------------|-------------------------------------------------------------------------------------|--------------------------------|
| <a href="#">DPWC11200</a> |  | Humidity sensor                |
| <a href="#">HR-S</a>      |  | Electro-mechanical humidistats |

|                     |                                                                                   |                 |
|---------------------|-----------------------------------------------------------------------------------|-----------------|
| <a href="#">HV2</a> |  | Humidity sensor |
|---------------------|-----------------------------------------------------------------------------------|-----------------|




### For round ducts

| Name                    | Photo                                                                             | Description                                        |
|-------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|
| <a href="#">KOM 250</a> |  | Spring-loaded backdraft damper for round ducts     |
| <a href="#">KRV 250</a> |  | Air damper for air flow cut-off in round air ducts |

### Electric actuators

| Name                         | Photo                                                                             | Description                                                                                        |
|------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <a href="#">Belimo CM230</a> |  | The actuators are designed for controlling air dampers with cross section up to 0.4 m <sup>2</sup> |

### Other accessories

| Name              | Photo                                                                               | Description                                                                                                                                                                |
|-------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SFK 700x333x27 G4 |  | G4 pocket filter                                                                                                                                                           |
| SF 700x332x48 G4  |  | Panel filter G4                                                                                                                                                            |
| PCOS004850        |  | The control module is designed for connection of the pCO series controllers (except for pCOB) to ventilation control systems in compliance with the Modbus RS485 protocol. |