



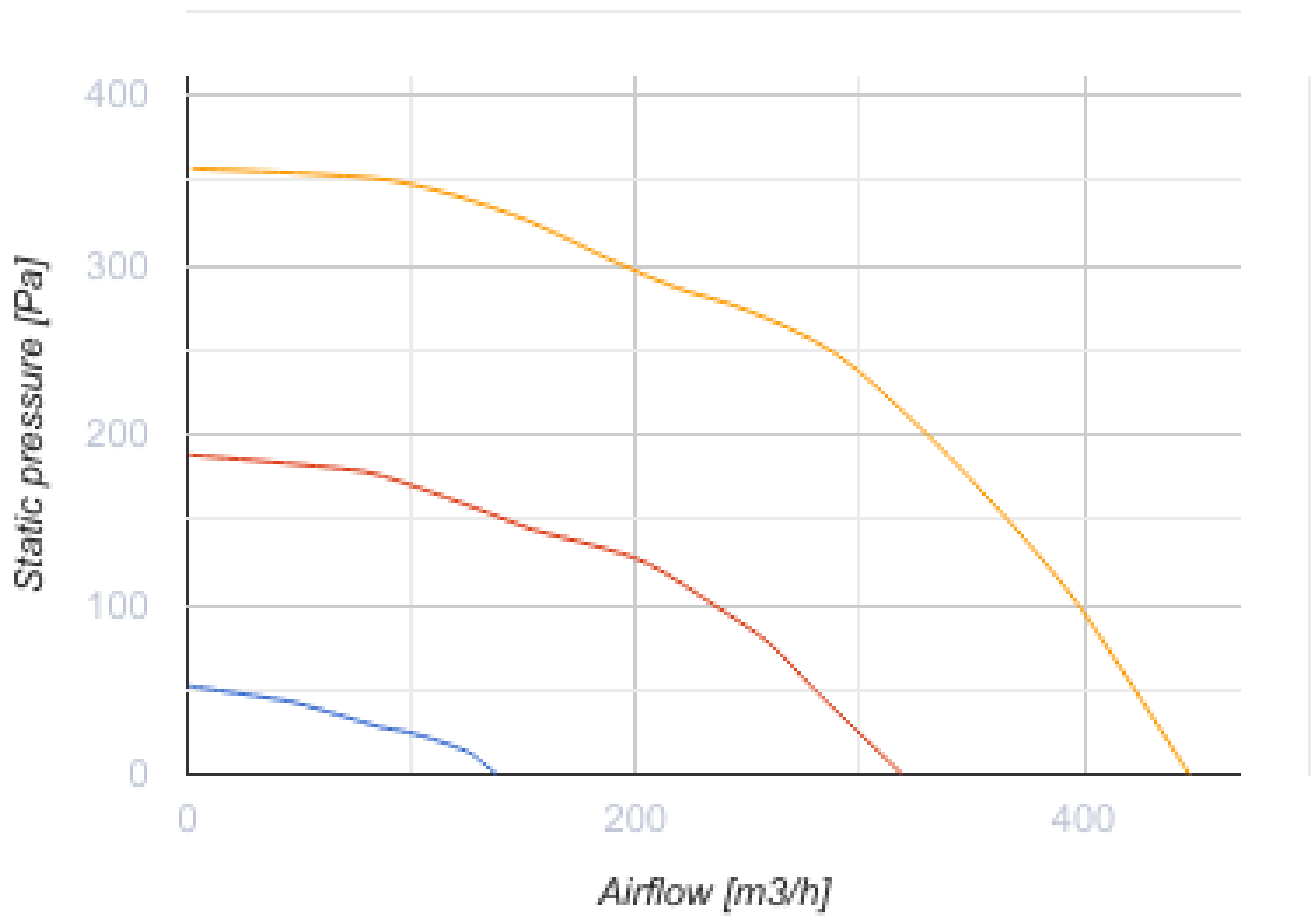
KOMFORT Roto EC SE 401-E R S21

Air handling units with rotary heat exchanger

- Power of electrical reheater: 1200
- Maximum airflow: 447
- Sound pressure level LpA at 3 m: 28
- Heat exchanger type: Sorption rotary
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option F7 / ePM1 60%)
- Sound insulation
- Motor type: EC
- Reheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

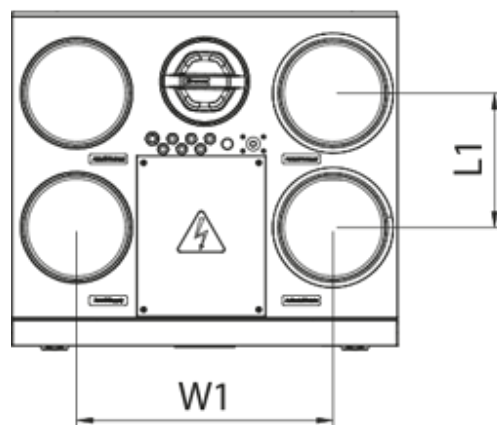
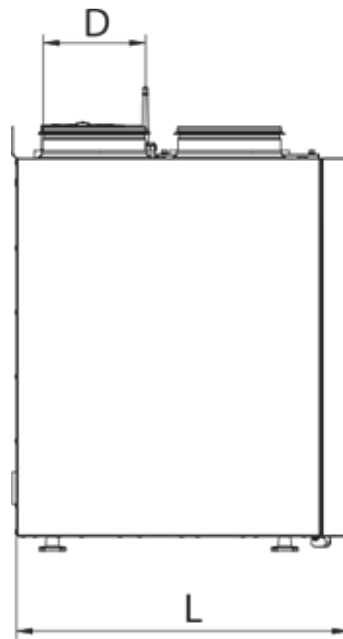
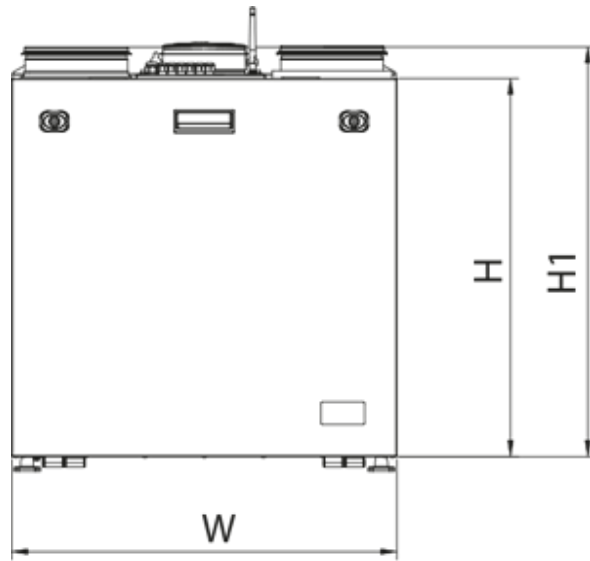
| | Unit of measurement | KOMFORT Roto EC SE 401-E R S21 |
|-----------------------------------|---------------------|--|
| Connected air duct size | mm | 160 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 257 |
| Power of electrical reheater | W | 1200 |
| Unit current | A | 7.08 |
| Maximum airflow | m ³ /h | 447 |
| Sound pressure level LpA at 3 m | dB(A) | 28 |
| Heat recovery efficiency, max | % | 85 |
| Heat exchanger type | - | Sorption rotary |
| Weight | kg | 58 |
| 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

| H | W | L | H1 | W1 | L1 | D |
|-----|-----|-----|-----|-----|-----|-----|
| 588 | 598 | 515 | 638 | 397 | 209 | 160 |




Accessories

Control Panels

| Name | Photo | Description |
|---------------------------|---|-------------------|
| S25 |  | LCD control panel |
| S22 |  | Control panels |
| S22 Wi-Fi |  | Control panels |




Humidity sensors

| Name | Photo | Description |
|---------------------|--|-----------------|
| FS2 |  | Humidity sensor |

CO2 sensors

| Name | Photo | Description |
|----------------------|---|-------------|
| CD-3 | | |
| CD-1 |  | CO2 sensors |

For round ducts


| Name | Photo | Description |
|-----------------------------|---|---------------------------|
| SD 160/600 |  | Silencers for round ducts |
| SD 160/900 |  | Silencers for round ducts |
| SD 160/1200 |  | Silencers for round ducts |

For round ducts

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

| | | |
|-------------------------|---|-----------------------------|
| VKA 160 |  | Air dampers for round ducts |
|-------------------------|---|-----------------------------|

Electric actuators

| Name | Photo | Description |
|------------------------------|---|--------------------|
| Belimo TF230 |  | Electric actuators |