



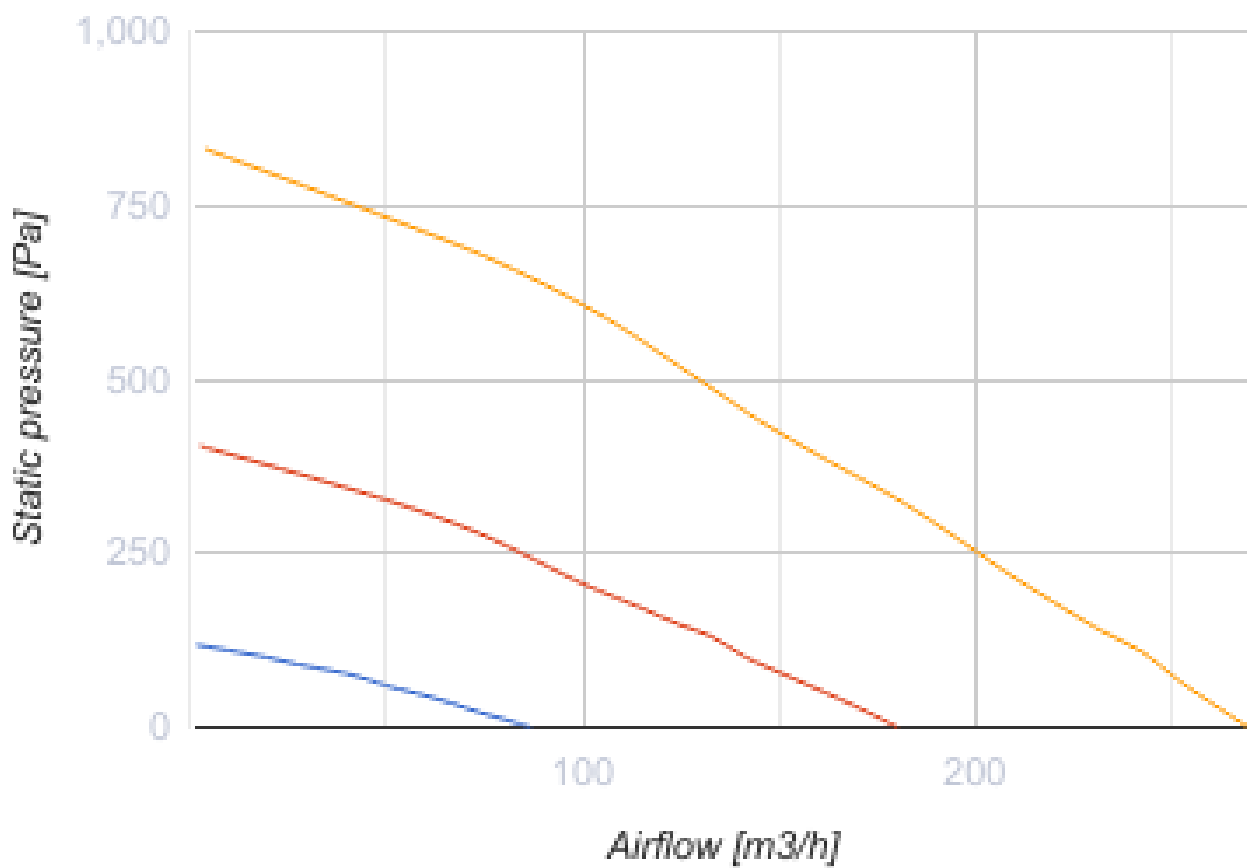
KOMFORT Roto EC SKES 200 L S21

Air handling units with rotary heat exchanger

- Power of electrical reheater: 700
- Maximum airflow: 270
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Rotary
- Extract filter: G4
- Supply filter: G4 (опция: F7), G4 (F7 optional)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

| | Unit of measurement | KOMFORT Roto EC SKES 200 L S21 |
|-----------------------------------|---------------------|----------------------------------|
| Connected air duct size | mm | 125 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 171 |
| Power of electrical reheater | W | 700 |
| Unit current | A | 4.31 |
| Maximum airflow | m ³ /h | 270 |
| Sound pressure level LpA at 3 m | dB(A) | 33 |
| Heat recovery efficiency, max | % | 93 |
| Heat exchanger type | - | Rotary |
| Heat exchanger material | - | Aluminum |
| Weight | kg | 53 |
| Extract filter | - | G4 |
| Supply filter | - | G4 (опция: F7), G4 (F7 optional) |
| 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 |

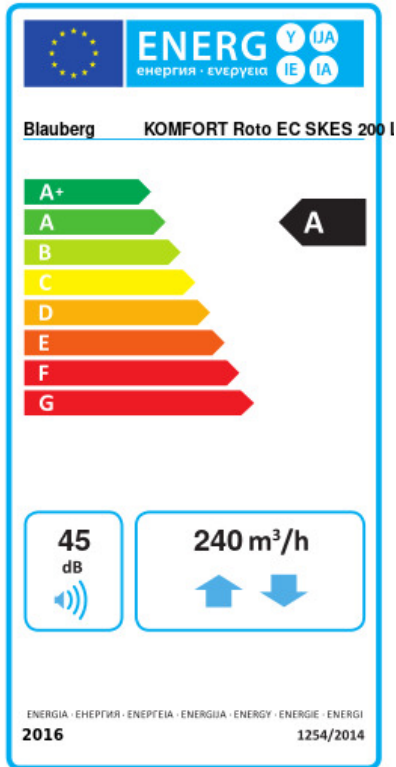


Dimensions

| H | W | W1 | W2 | L | L1 |
|-----|-----|-----|-----|-----|-----|
| 746 | 596 | 408 | 173 | 326 | 338 |



Ecodesign



| | | | | | | |
|---|--------------------------------|----|---------|---|------|---|
| Trademark | Blauberg | | | | | |
| Model | KOMFORT Roto EC SKES 200 L S21 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | 85.6 | A+ | 41.1 | A | 15.6 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Regenerative | | | | | |
| Thermal efficiency of heat recovery (%) | 88 | | | | | |
| Maximum flow rate (m ³ /h) | 240 | | | | | |
| Electric power input (W) | 170 | | | | | |
| Reference flow rate (m ³ /s) | 0.047 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.411 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates (%) | 3.3 | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Sound power level (dB(A)) | 45 | | | | | |
| Declared typology | RVU BVU | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 217 | | 869 | | 217 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 9100 | | 4652 | | 2104 | |


Accessories

Control Panels




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

| | | |
|---------------------------|---|----------------|
| S22 Wi-Fi |  | Control panels |
|---------------------------|---|----------------|


CO2 sensors

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

For round ducts

| Name | Photo | Description |
|-----------------------------|---|---------------------------|
| SD 125/600 |  | Silencers for round ducts |
| SD 125/900 |  | Silencers for round ducts |
| SD 125/1200 |  | Silencers for round ducts |

For round ducts

| Name | Photo | Description |
|-------------------------|---|-----------------------------|
| VKA 125 |  | Air dampers for round ducts |