

KOMFORT ERV D 150 L S20

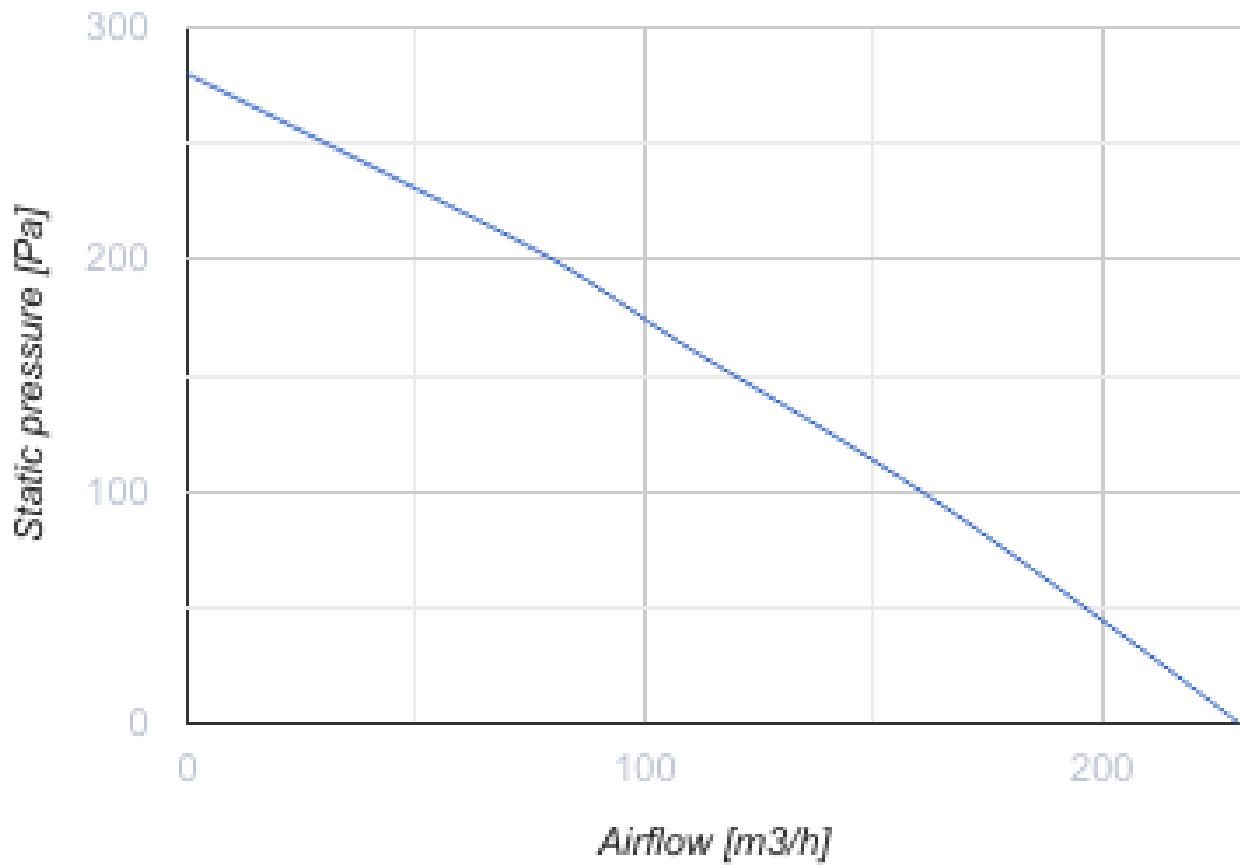
Suspended heat and energy recovery air handling units



- Maximum airflow: 230
- Sound pressure level LpA at 3 m: 49
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4 and F8 (PM2.5 93 %), G4 and F8 (PM2.5 93 %)
- Sound insulation
- Motor type: AC
- Enthalpy heat exchanger
- Control: Speed controller
- Casing material: Coated steel

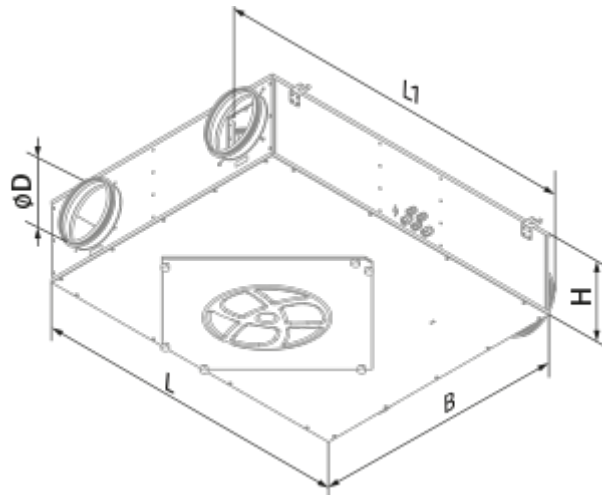
| | Unit of measurement | KOMFORT ERV D 150 L S20 |
|-----------------------------------|---------------------|--|
| Connected air duct size | mm | 100 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 125 |
| Unit current | A | 0.6 |
| Maximum airflow | m ³ /h | 230 |
| Sound pressure level LpA at 3 m | dB(A) | 49 |
| Heat recovery efficiency, max | % | 87 |
| Heat exchanger type | - | Cross flow |
| Heat exchanger material | - | Enthalpy |
| Weight | kg | 26 |
| Extract filter | - | G4 |
| Supply filter | - | G4 and F8 (PM2.5 93 %), G4 and F8 (PM2.5 93 %) |
| Transported air temperature (max) | °C | 40 |
| Transported air temperature (min) | °C | -5 |
| 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 |

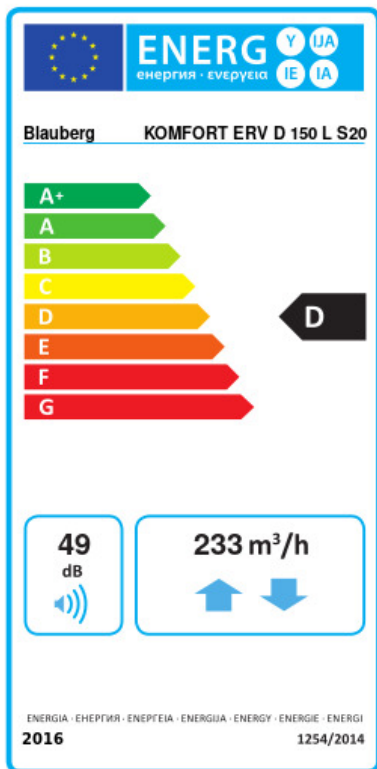


Dimensions

| D | B | H | L | L1 |
|----|-----|-----|-----|-----|
| 99 | 704 | 227 | 947 | 854 |



Ecodesign



| | | | | | | |
|---|-------------------------|----|---------|---|------|---|
| Trademark | Blauberg | | | | | |
| Model | KOMFORT ERV D 150 L S20 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | 55.8 | A+ | 20.7 | D | 2 | G |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Recuperative | | | | | |
| Thermal efficiency of heat recovery (%) | 79 | | | | | |
| Maximum flow rate (m ³ /h) | 233 | | | | | |
| Electric power input (W) | 118 | | | | | |
| Reference flow rate (m ³ /s) | 0.033 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.675 | | | | | |
| Control typology | Manual control | | | | | |
| Maximum internal leakage rates (%) | 2.7 | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Sound power level (dB(A)) | 49 | | | | | |
| Declared typology | RVU BVU | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 1428 | | 891 | | 846 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 8278 | | 4231 | | 1913 | |

Accessories

Other accessories

| Name | Photo | Description |
|------------------|-------|-----------------|
| FP 300x220x48 G4 | | G4 panel filter |
| FP 300x220x48 F8 | | |