



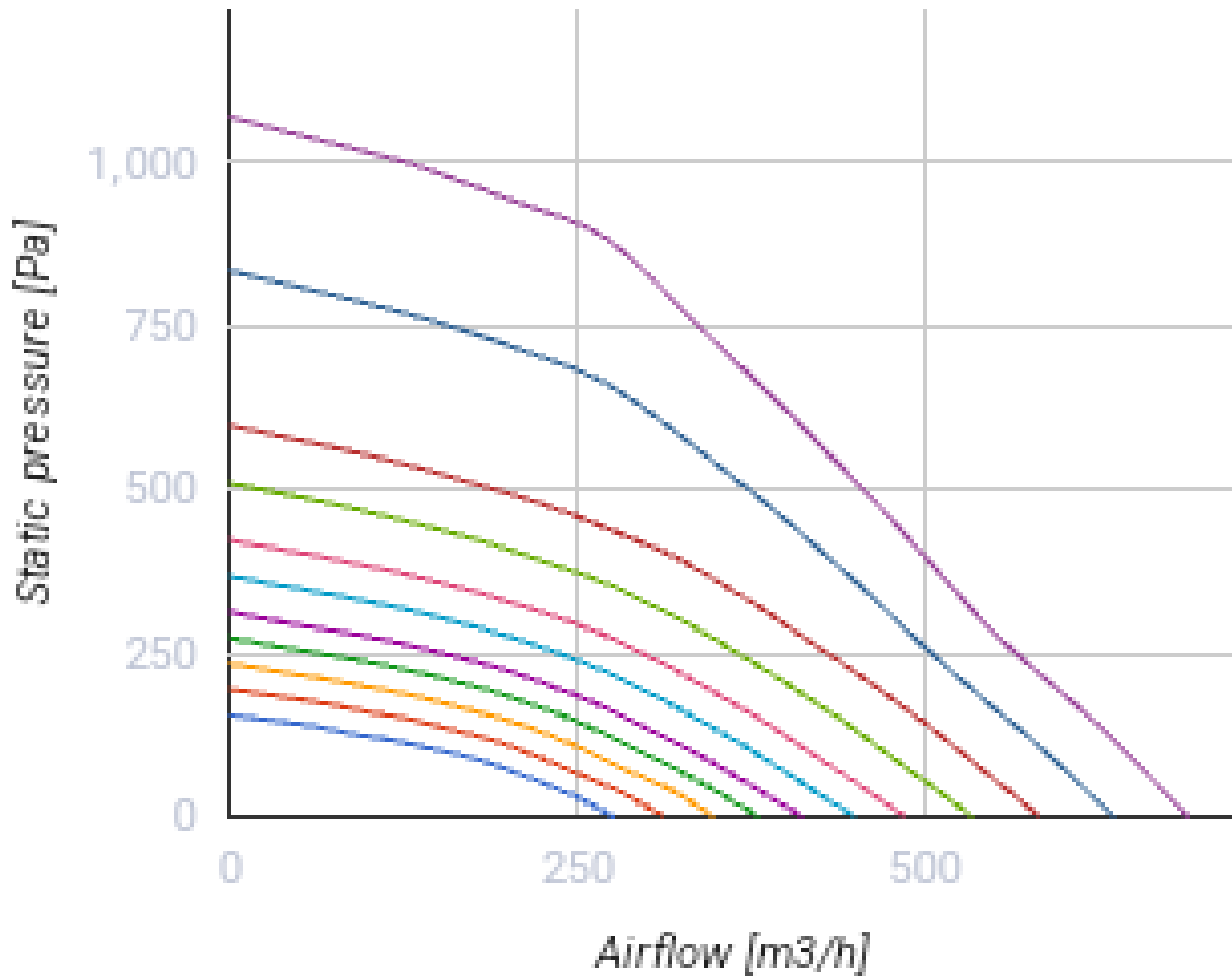
# KOMFORT EC SB 550 S14

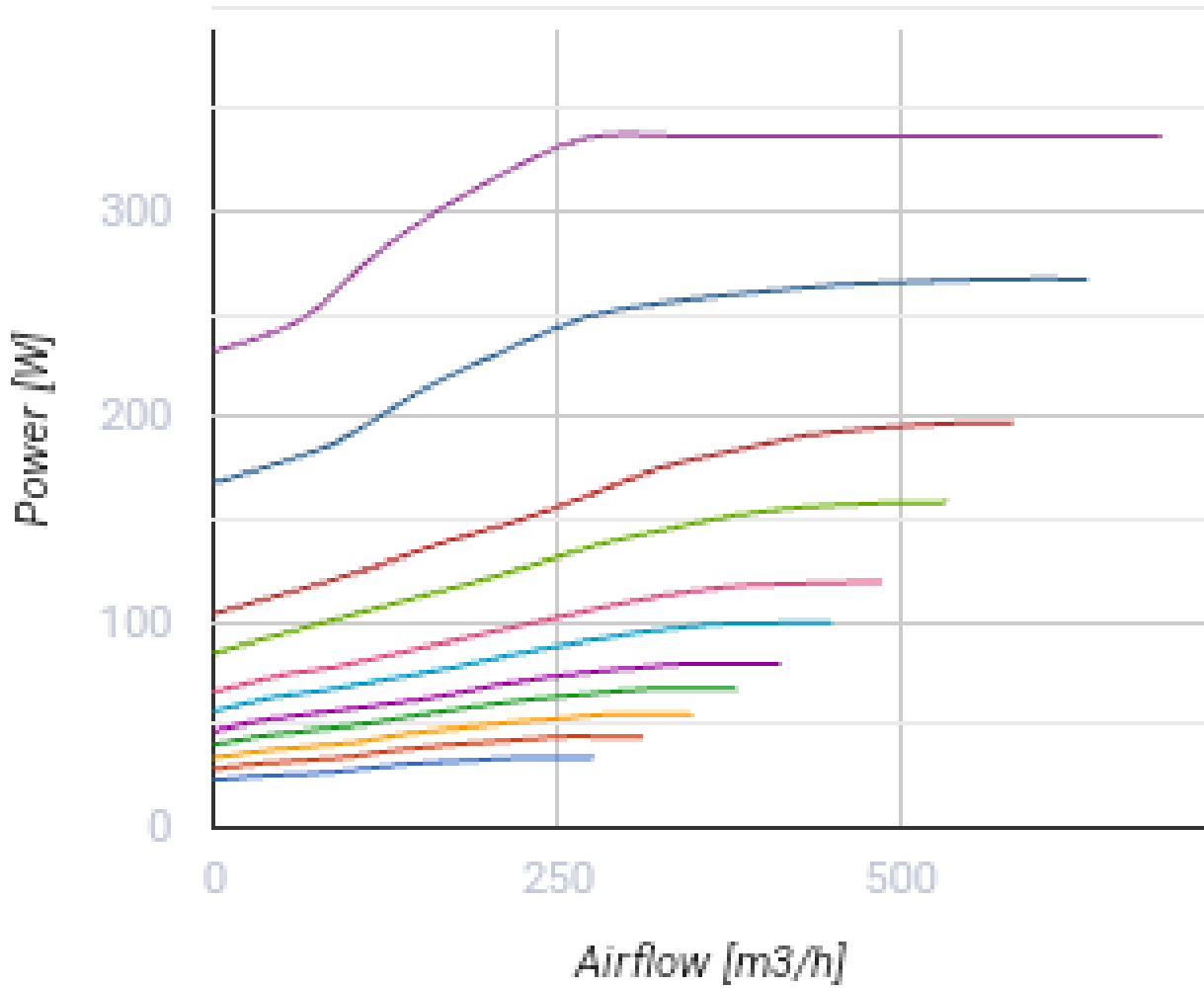
Heat and humidity recovery air handling units

- Maximum airflow: 692
- Sound pressure level LpA at 3 m: 38
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: F7 (option: G4)
- Sound insulation
- Motor type: EC
- Bypass: Manual
- Control: Wired control panel
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional

|                                   | Unit of measurement | KOMFORT EC SB 550 S14 |
|-----------------------------------|---------------------|-----------------------|
| Connected air duct size           | mm                  | 200                   |
| Speed                             | -                   | 1                     |
| Phases                            | -                   | 1                     |
| Minimum supply voltage            | V                   | 230                   |
| Maximum supply voltage            | V                   | 230                   |
| Power supply frequency            | Hz                  | 50/60                 |
| Rated power                       | W                   | 350                   |
| Unit current                      | A                   | 2.4                   |
| Maximum airflow                   | m <sup>3</sup> /h   | 692                   |
| Sound pressure level LpA at 3 m   | dB(A)               | 38                    |
| Heat recovery efficiency, max     | %                   | 92                    |
| Heat exchanger type               | -                   | Counter flow          |
| Heat exchanger material           | -                   | Polystyrene           |
| Weight                            | kg                  | 82                    |
| Extract filter                    | -                   | G4                    |
| Supply filter                     | -                   | F7 (option: 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          | %                   | 60                    |

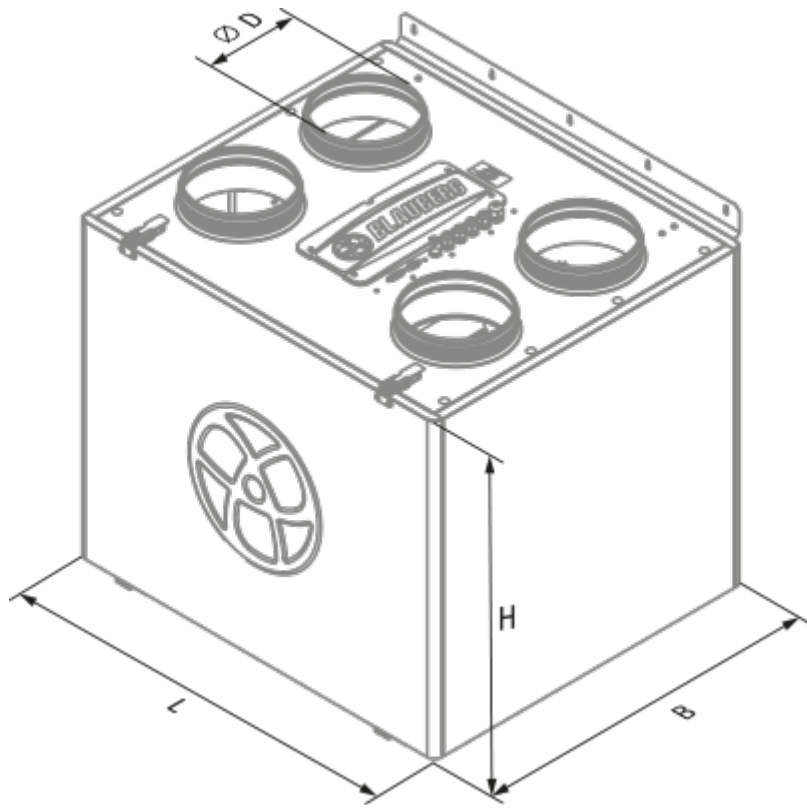
|  |   |      |
|--|---|------|
| Ingress protection rating              | - | IP20 |
| Ingress protection rating of the drive | - | IP44 |



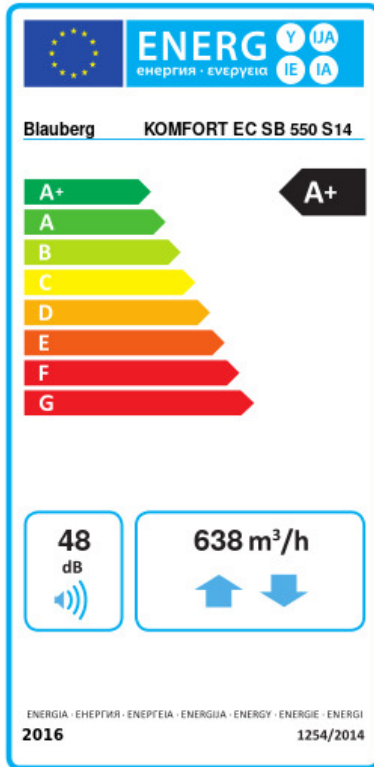


### Dimensions

| ØD  | B   | H   | L   |
|-----|-----|-----|-----|
| 200 | 720 | 675 | 823 |



## Ecodesign




|   |                       |    |         |    |      |   |
|---|-----------------------|----|---------|----|------|---|
| Trademark   | Blauberg              |    |         |    |      |   |
| Model   | KOMFORT EC SB 550 S14 |    |         |    |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                  |    | Average |    | Warm |   |
|   | 81.3                  | A+ | 42.2    | A+ | 17.1 | E |
| Type of ventilation unit                                    | Bidirectional         |    |         |    |      |   |
| Type of drive installed                                     | Variable speed        |    |         |    |      |   |
| Type of heat recovery system                                | Recuperative          |    |         |    |      |   |
| Thermal efficiency of heat recovery (%)                     | 88                    |    |         |    |      |   |
| Maximum flow rate (m <sup>3</sup> /h)                       | 638                   |    |         |    |      |   |
| Electric power input (W)                                    | 350                   |    |         |    |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.123                 |    |         |    |      |   |
| Reference pressure difference (Pa)                          | 50                    |    |         |    |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.295                 |    |         |    |      |   |
| Control typology  | Local demand control  |    |         |    |      |   |
| Maximum internal leakage rates (%)                          | 2.7                   |    |         |    |      |   |
| Maximum external leakage rates (%)                          | 2.7                   |    |         |    |      |   |
| Declared typology   | RVU BVU               |    |         |    |      |   |
| Sound power level (dB(A))                                   | 48                    |    |         |    |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                  |    | Average |    | Warm |   |
|   | 738                   |    | 201     |    | 156  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                  |    | Average |    | Warm |   |
|   | 9100                  |    | 4652    |    | 2104 |   |




## Accessories

### Other accessories


| Name             | Photo | Description     |
|------------------|-------|-----------------|
| FP 630x198x40 G4 |       | G4 panel filter |

|                  |   |                 |
|------------------|---|-----------------|
| FP 630x198x40 F7 |  | F7 panel filter |
|------------------|---|-----------------|

### Other accessories

| Name                 | Photo   | Description     |
|----------------------|---|-----------------|
| <a href="#">FS2</a>  |  | Humidity sensor |
| <a href="#">CD-1</a> |  | CO2 sensors     |
| <a href="#">CD-2</a> |  | CO2 sensors     |


### Other accessories

| Name                      | Photo   | Description                              |
|---------------------------|---|--|
| <a href="#">SFK 20x32</a> |  | Hydraulic syphon for condensate drainage |

### Other accessories

| Name                    | Photo   | Description                 |
|-------------------------|---|-----------------------------|
| <a href="#">VKA 200</a> |  | Air dampers for round ducts |

### Other accessories

| Name                         | Photo   | Description        |
|------------------------------|---|--------------------|
| <a href="#">Belimo TF230</a> |  | Electric actuators |