



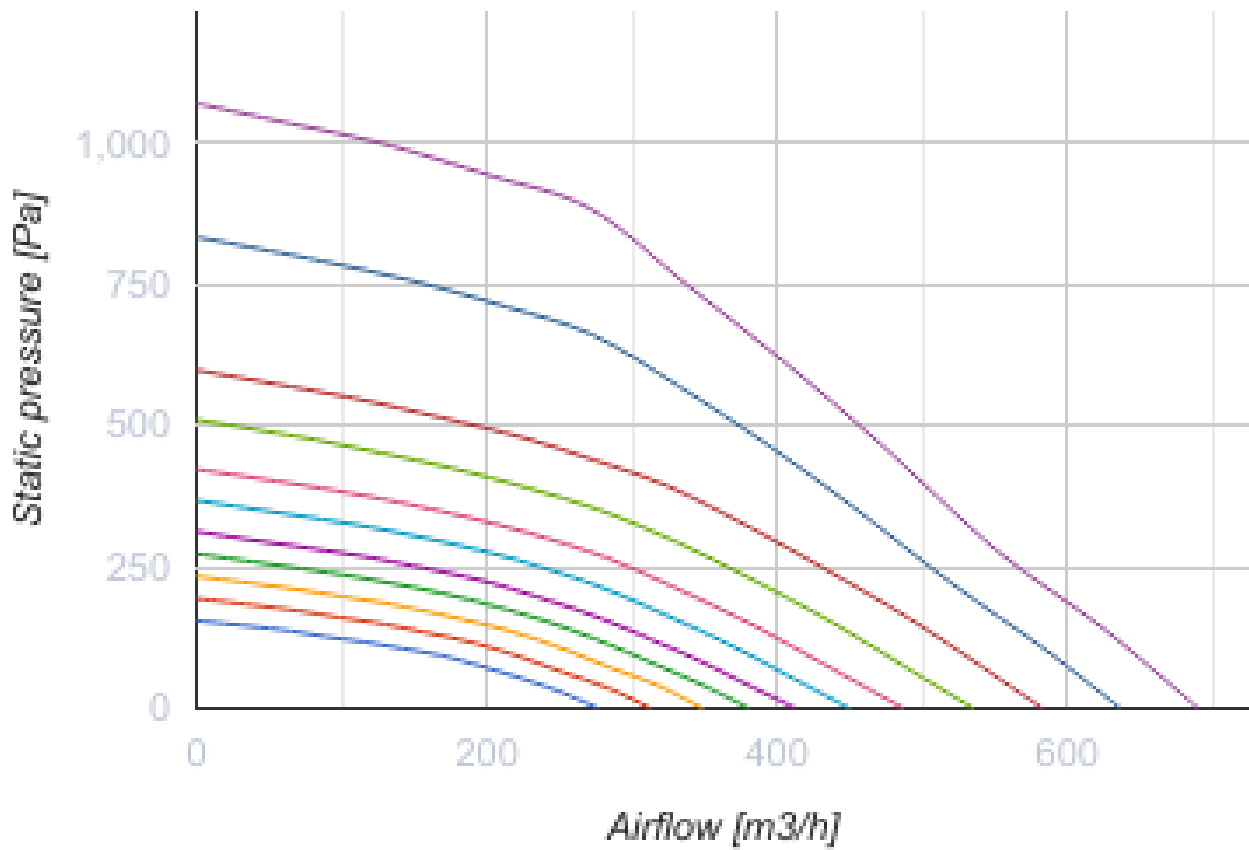
## KOMFORT EC SB 550-E S14

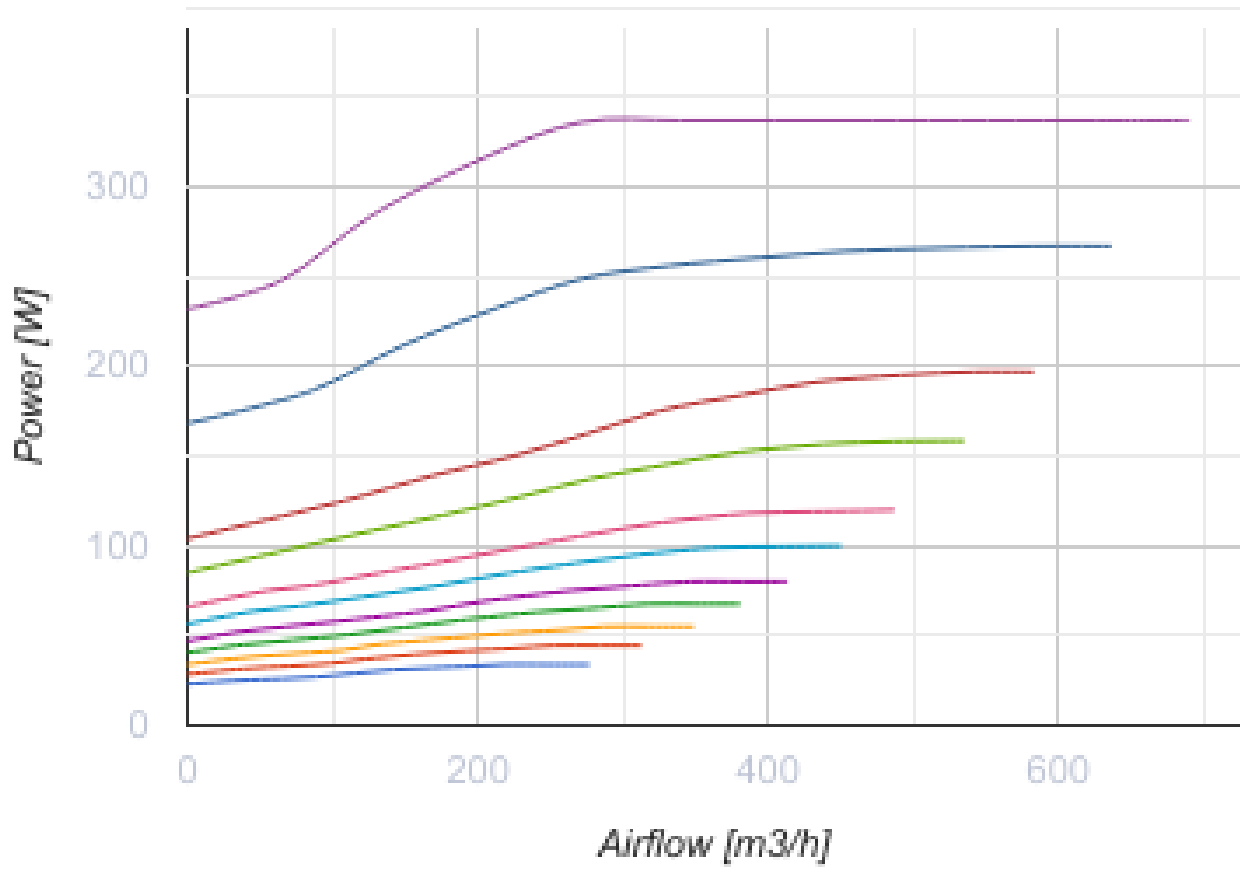
Heat and humidity recovery air handling units

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

|                                   | Unit of measurement | KOMFORT EC SB 550-E 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     | %                   | 91                              |
| Heat exchanger type               | -                   | Counter flow                    |
| Heat exchanger material           | -                   | Enthalpy                        |
| Weight                            | kg                  | 82                              |
| Extract filter                    | -                   | G4                              |
| Supply filter                     | -                   | F7 (option: G4), F7 (опция: 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                              |

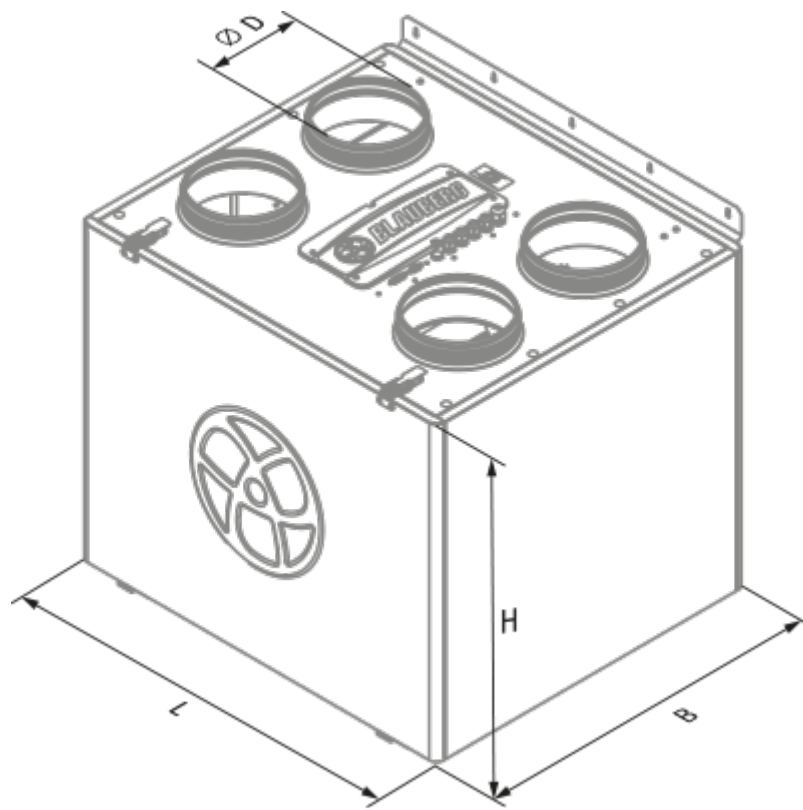
|  |   |      |
|--|---|------|
| Ingress protection rating              | - | IP20 |
| Ingress protection rating of the drive | - | IP44 |



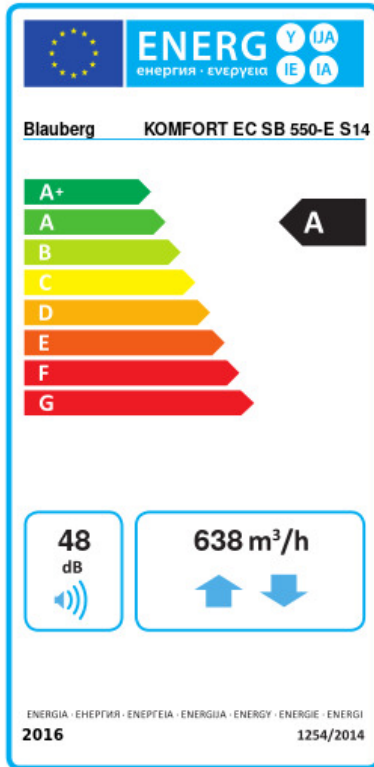


## Dimensions

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



## Ecodesign



|   |                         |    |         |   |      |   |
|---|-------------------------|----|---------|---|------|---|
| Trademark   | Blauberg                |    |         |   |      |   |
| Model   | KOMFORT EC SB 550-E S14 |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                    |    | Average |   | Warm |   |
|   | 76.4                    | A+ | 39.7    | A | 16   | E |
| Type of ventilation unit                                    | Bidirectional           |    |         |   |      |   |
| Type of drive installed                                     | Variable speed          |    |         |   |      |   |
| Type of heat recovery system                                | Recuperative            |    |         |   |      |   |
| Thermal efficiency of heat recovery (%)                     | 76                      |    |         |   |      |   |
| 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                     |    |         |   |      |   |
| Sound power level (dB(A))                                   | 48                      |    |         |   |      |   |
| Declared typology   | RVU BVU                 |    |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                    |    | Average |   | Warm |   |
|   | 738                     |    | 201     |   | 156  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                    |    | Average |   | Warm |   |
|   | 8614                    |    | 4403    |   | 1991 |   |