



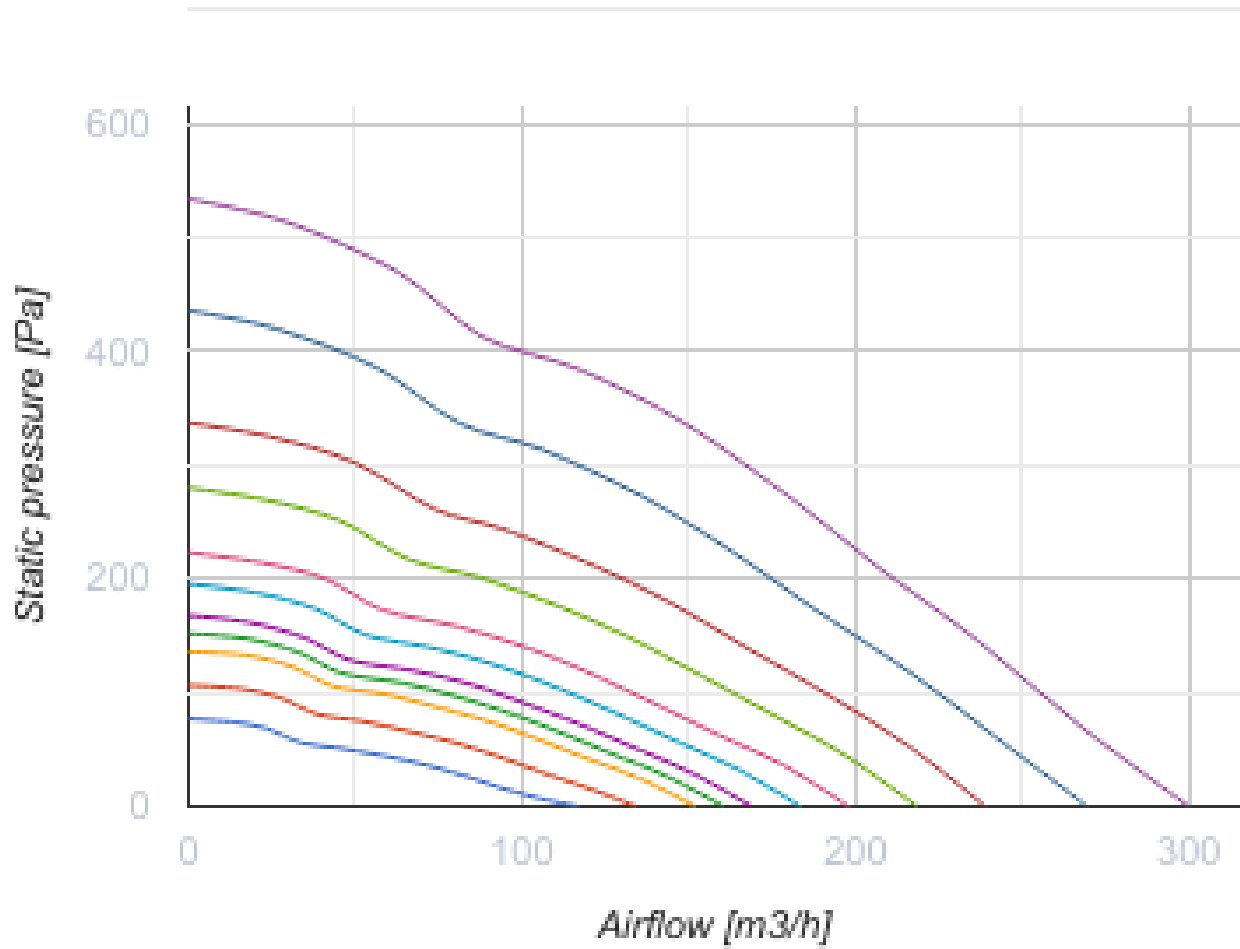
# KOMFORT Ultra EC S2 300-H S2 white

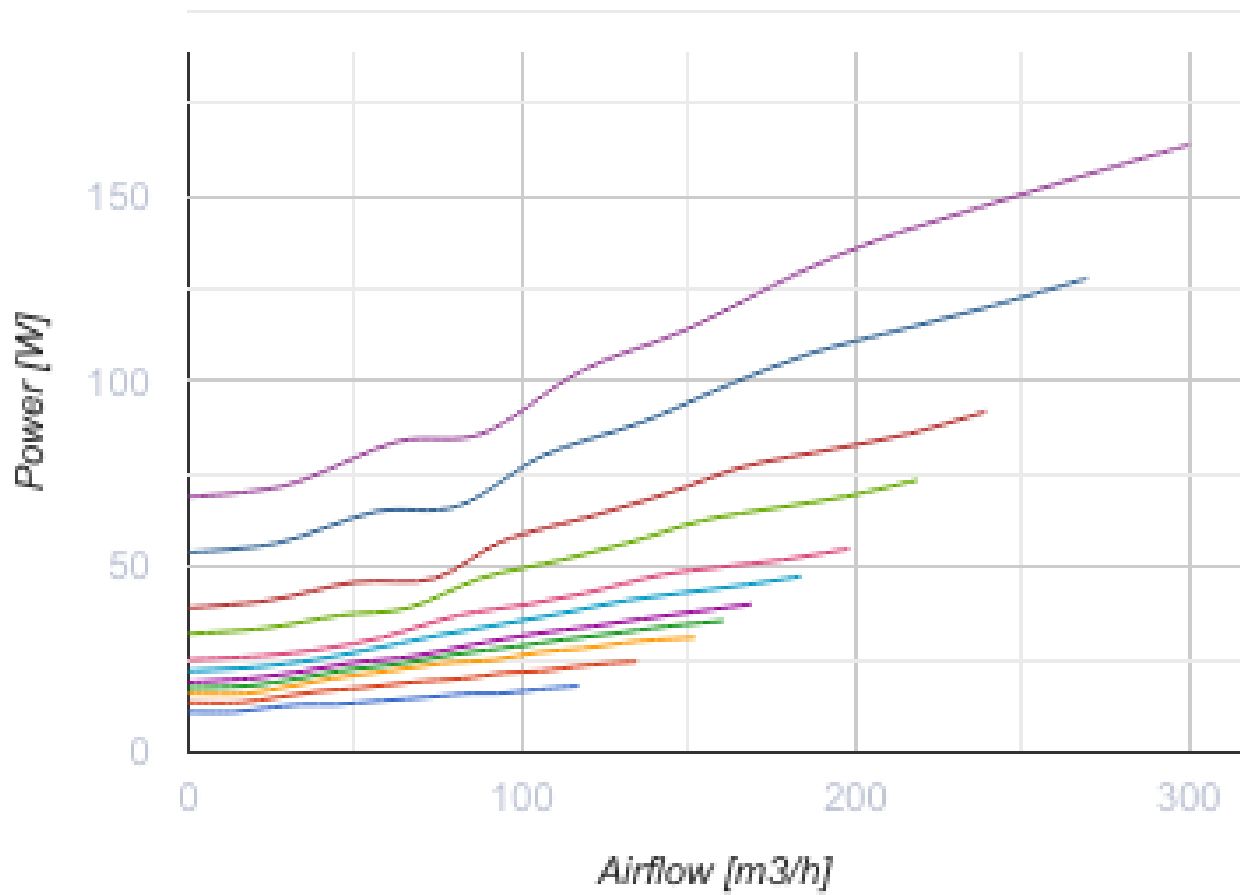
Compact heat recovery air handling units

- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4, F8
- Sound insulation
- Motor type: EC
- Control: Speed controller
- Casing material: Double-skinned white painted metal panels

|                                   | Unit of measurement | KOMFORT Ultra EC S2 300-H S2 white |
|-----------------------------------|---------------------|------------------------------------|
| Connected air duct size           | mm                  | 125                                |
| Speed                             | -                   | 1                                  |
| Phases                            | -                   | 1                                  |
| Minimum supply voltage            | V                   | 230                                |
| Maximum supply voltage            | V                   | 230                                |
| Power supply frequency            | Hz                  | 50/60                              |
| Rated power                       | W                   | 165                                |
| Unit current                      | A                   | 1.3                                |
| Maximum airflow                   | m <sup>3</sup> /h   | 300                                |
| Sound pressure level LpA at 3 m   | dB(A)               | 33                                 |
| Heat recovery efficiency, max     | %                   | 79                                 |
| Heat exchanger type               | -                   | Cross flow                         |
| Heat exchanger material           | -                   | Polystyrene                        |
| Weight                            | kg                  | 32                                 |
| Extract filter                    | -                   | G4                                 |
| Supply filter                     | -                   | G4, F8                             |
| 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          | %                   | 80                                 |

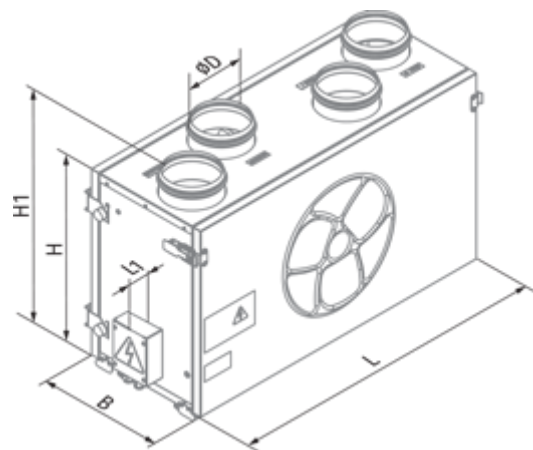
|  |   |      |
|--|---|------|
| Ingress protection rating              | - | IP22 |
| Ingress protection rating of the drive | - | IP44 |



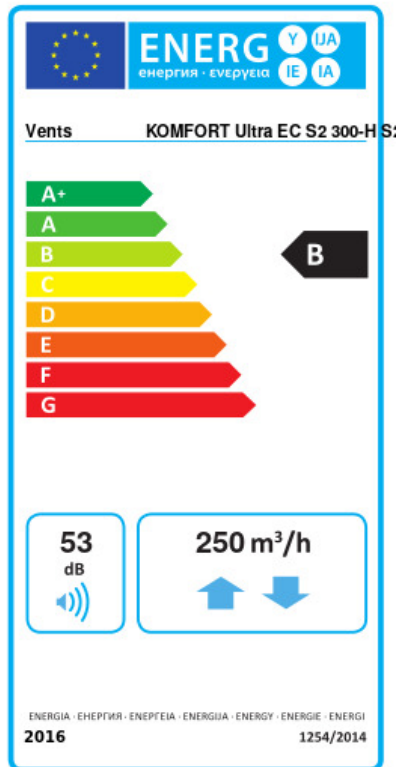


### Dimensions

| ØD  | B   | H   | H1  | L   | L1 |
|-----|-----|-----|-----|-----|----|
| 125 | 300 | 443 | 490 | 713 | 43 |



## Ecodesign



|  |                                    |    |         |   |      |   |
|--|------------------------------------|----|---------|---|------|---|
| Trademark  | Blauberg                           |    |         |   |      |   |
| Model  | KOMFORT Ultra EC S2 300-H S2 white |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m²/a))   | Cold                               |    | Average |   | Warm |   |
|  | 56.6                               | A+ | 26.7    | B | 6.9  | F |
| Type of ventilation unit                         | Bidirectional                      |    |         |   |      |   |
| Type of drive installed                          | Variable speed                     |    |         |   |      |   |
| Type of heat recovery system                     | Recuperative                       |    |         |   |      |   |
| Thermal efficiency of heat recovery (%)          | 62                                 |    |         |   |      |   |
| Maximum flow rate (m³/h)                         | 250                                |    |         |   |      |   |
| Electric power input (W)                         | 150                                |    |         |   |      |   |
| Reference flow rate (m³/s)                       | 0.044                              |    |         |   |      |   |
| Reference pressure difference (Pa)               | 50                                 |    |         |   |      |   |
| Specific power input (SPI) (W/(m³/h))            | 0.313                              |    |         |   |      |   |
| Control typology                                 | Manual control                     |    |         |   |      |   |
| Maximum internal leakage rates (%)               | 2.7                                |    |         |   |      |   |
| Maximum external leakage rates (%)               | 2.7                                |    |         |   |      |   |
| Declared typology                                | RVU BVU                            |    |         |   |      |   |
| Sound power level (dB(A))                        | 53                                 |    |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a) | Cold                               |    | Average |   | Warm |   |
|  | 973                                |    | 436     |   | 391  |   |
| The annual heating saved (AHS) (kWh/a)           | Cold                               |    | Average |   | Warm |   |
|  | 7218                               |    | 3690    |   | 1669 |   |




## Accessories

### Other accessories


| Name             | Photo | Description     |
|------------------|-------|-----------------|
| FP 240x184x40 G4 |       | G4 panel filter |
| FP 240x184x40 F8 |       |                 |

SB C4 200/240


**Other accessories**

| Name                        | Photo   | Description               |
|-----------------------------|---|---------------------------|
| <a href="#">SD 125/600</a>  |  | Silencers for round ducts |
| <a href="#">SD 125/900</a>  |  | Silencers for round ducts |
| <a href="#">SD 125/1200</a> |  | Silencers for round ducts |

**Other accessories**

| Name                    | Photo  | Description                                   |
|-------------------------|--|---|
| <a href="#">VRV 125</a> |  | Backdraft dampers with spring for round ducts |

**Other accessories**

| Name                       | Photo   | Description                 |
|----------------------------|---|-----------------------------|
| <a href="#">CDT E/0-10</a> |  | Speed control for EC motors |