



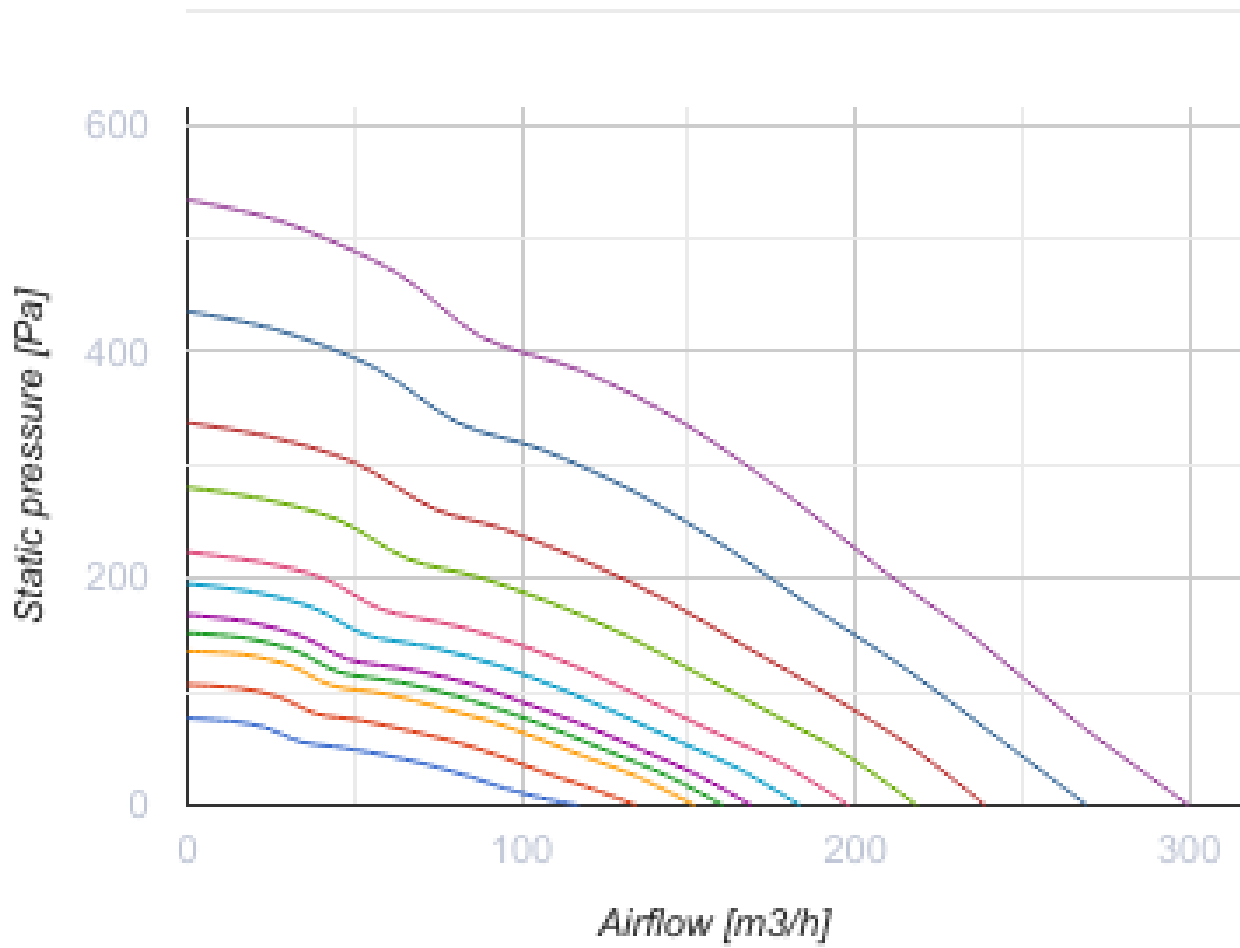
# KOMFORT Ultra EC L2 300-E S14 white

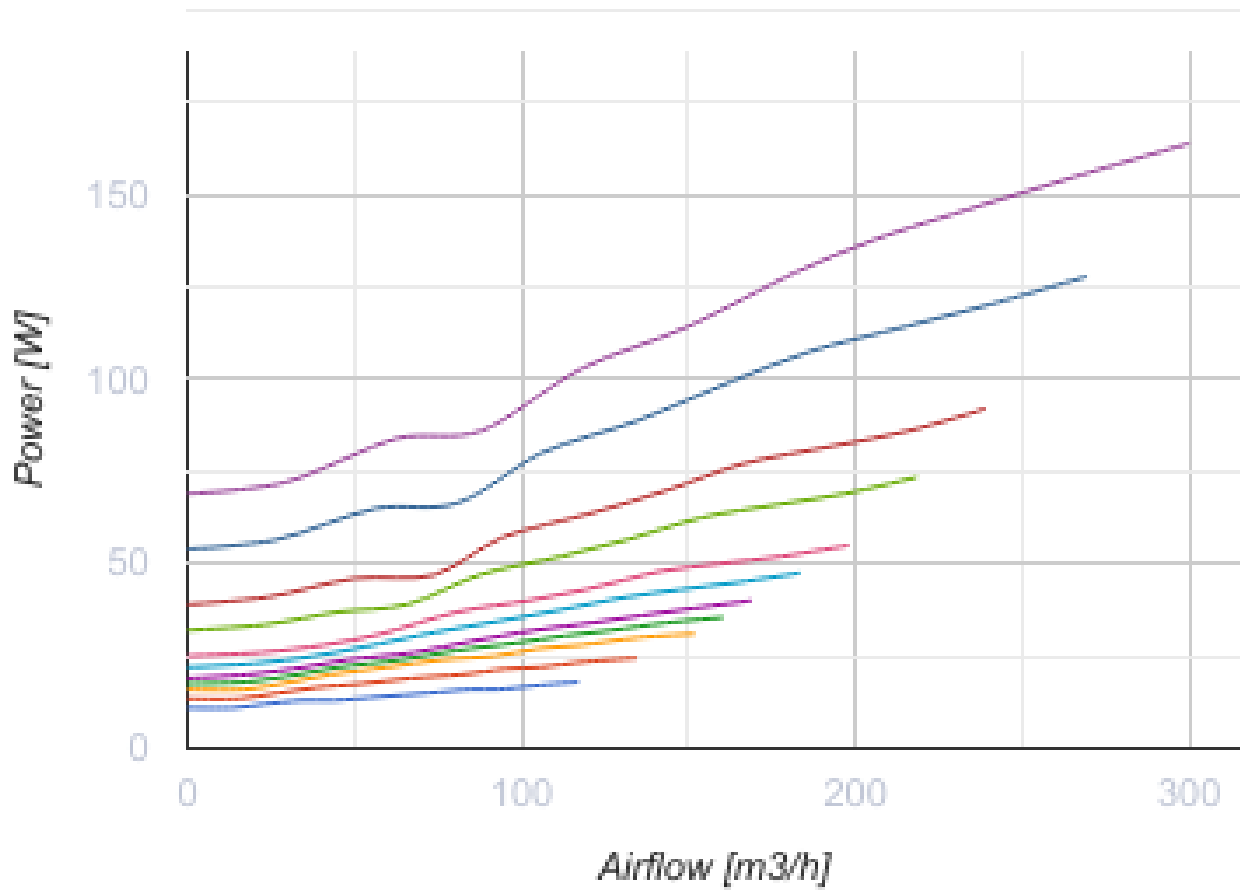
Compact heat recovery air handling units

- 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
- Enthalpy heat exchanger
- Control: Wired control panel
- Casing material: Double-skinned white painted metal panels
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

|                                   | Unit of measurement | KOMFORT Ultra EC L2 300-E S14 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     | %                   | 73                                  |
| Heat exchanger type               | -                   | Cross flow                          |
| Heat exchanger material           | -                   | Enthalpy                            |
| Weight                            | kg                  | 28                                  |
| Extract filter                    | -                   | G4                                  |
| Supply filter                     | -                   | G4, F8                              |
| Transported air temperature (max) | °C                  | 60                                  |
| Transported air temperature (min) | °C                  | -25                                 |
| Ambient air temperature min       | °C                  | 1                                   |
| Ambient air temperature max       | °C                  | 40                                  |

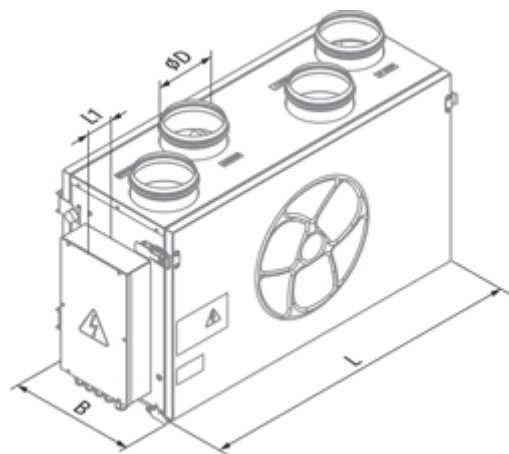
|  |   |      |
|--|---|------|
| Ambient air humidity max               | % | 80   |
| Ingress protection rating              | - | IP22 |
| Ingress protection rating of the drive | - | IP44 |



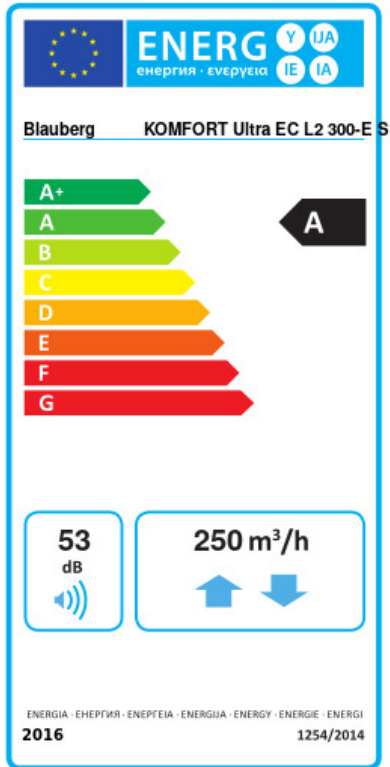


## Dimensions

| ØD  | B   | H   | H1 | L   | L1  |
|-----|-----|-----|----|-----|-----|
| 125 | 300 | 443 | 63 | 713 | 810 |



## Ecodesign



|   |                                     |    |         |   |      |   |
|---|-------------------------------------|----|---------|---|------|---|
| Trademark   | Blauberg                            |    |         |   |      |   |
| Model   | KOMFORT Ultra EC L2 300-E S14 white |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                                |    | Average |   | Warm |   |
|   | 68.9                                | A+ | 35.7    | A | 14.1 | E |
| Type of ventilation unit                                    | Bidirectional                       |    |         |   |      |   |
| Type of drive installed                                     | Variable speed                      |    |         |   |      |   |
| Type of heat recovery system                                | Recuperative                        |    |         |   |      |   |
| Thermal efficiency of heat recovery (%)                     | 58                                  |    |         |   |      |   |
| Maximum flow rate (m <sup>3</sup> /h)                       | 250                                 |    |         |   |      |   |
| Electric power input (W)                                    | 150                                 |    |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.044                               |    |         |   |      |   |
| Reference pressure difference (Pa)                          | 50                                  |    |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.313                               |    |         |   |      |   |
| Control typology  | Local demand control                |    |         |   |      |   |
| Maximum internal leakage rates (%)                          | 2.7                                 |    |         |   |      |   |
| Maximum external leakage rates (%)                          | 2.7                                 |    |         |   |      |   |
| Sound power level (dB(A))                                   | 53                                  |    |         |   |      |   |
| Declared typology   | RVU BVU                             |    |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                                |    | Average |   | Warm |   |
|   | 747                                 |    | 210     |   | 165  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                                |    | Average |   | Warm |   |
|   | 7885                                |    | 4031    |   | 1823 |   |

## Accessories

### Other accessories



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

|               |  |  |
|---------------|--|--|
| SB C4 200/240 |  |  |
|---------------|--|--|




### Humidity sensors

| Name                | Photo   | Description     |
|---------------------|---|-----------------|
| <a href="#">FS2</a> |  | Humidity sensor |

### CO2 sensors

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

### For round ducts

| 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 |

### For round ducts

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

### Electric actuators

| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

[Belimo TF230](#)



Electric actuators