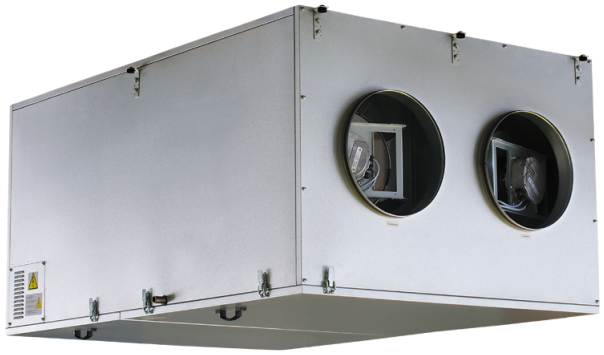
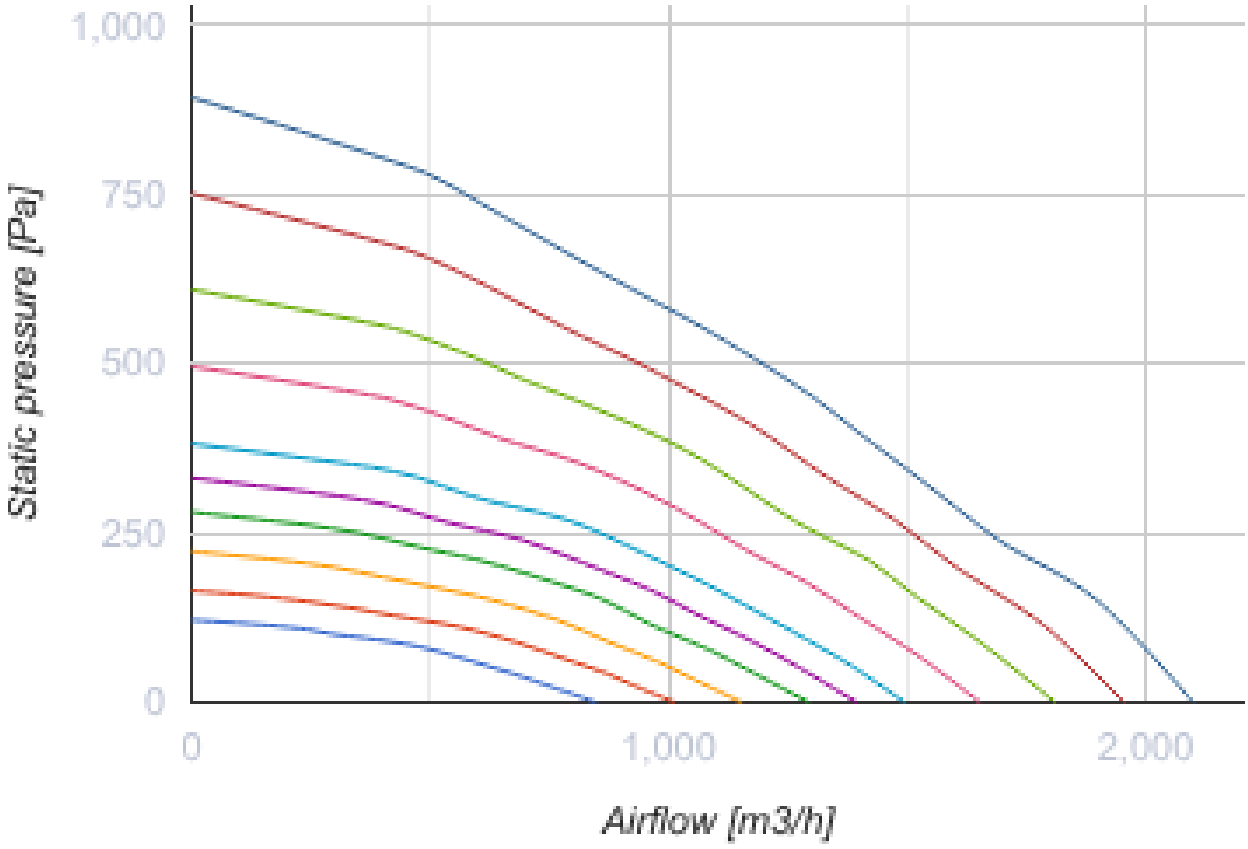


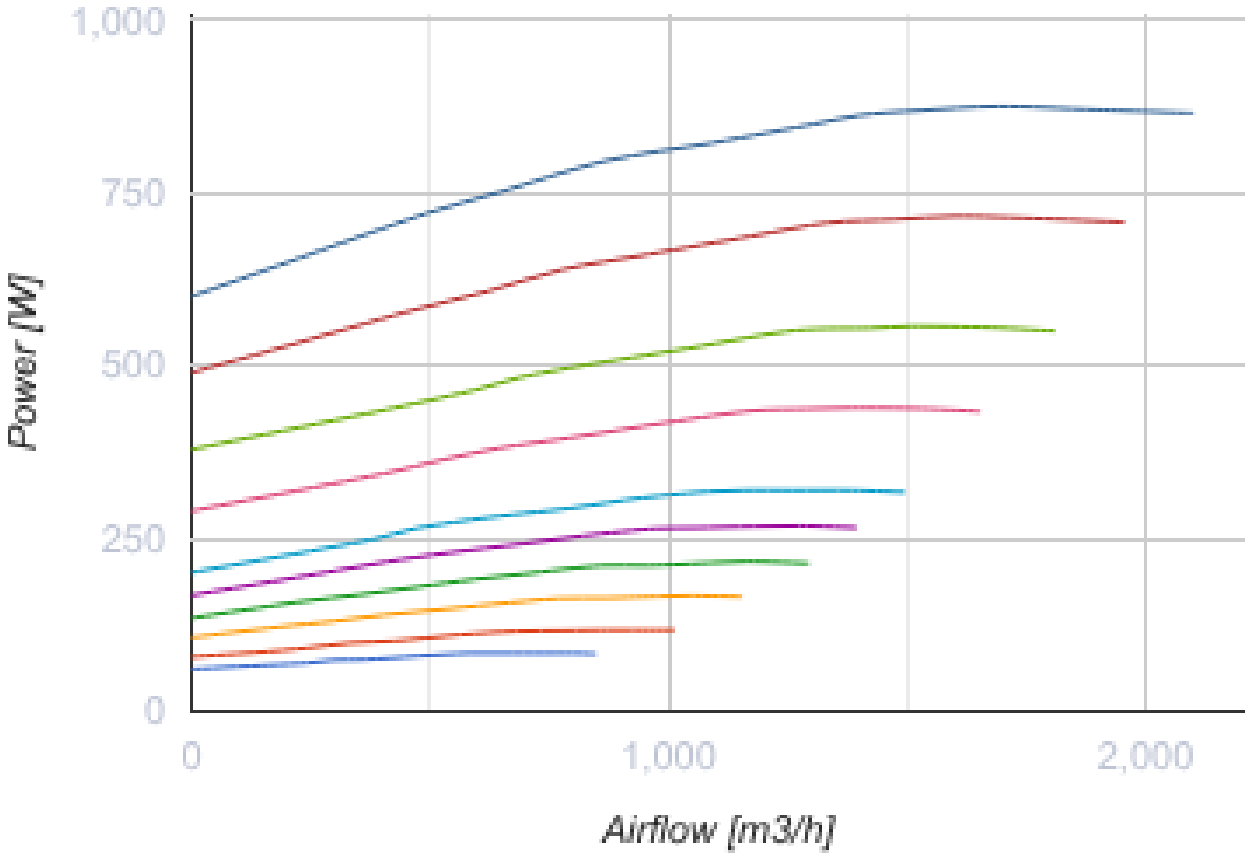
# KOMFORT EC DBW 2000 S21 DTV

Suspended heat recovery air handling units

- Heat exchanger type: Cross flow
- Heat exchanger material: Aluminum
- Sound-insulated casing
- Bypass: Auto
- Reheater: Water
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Aluzinc
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

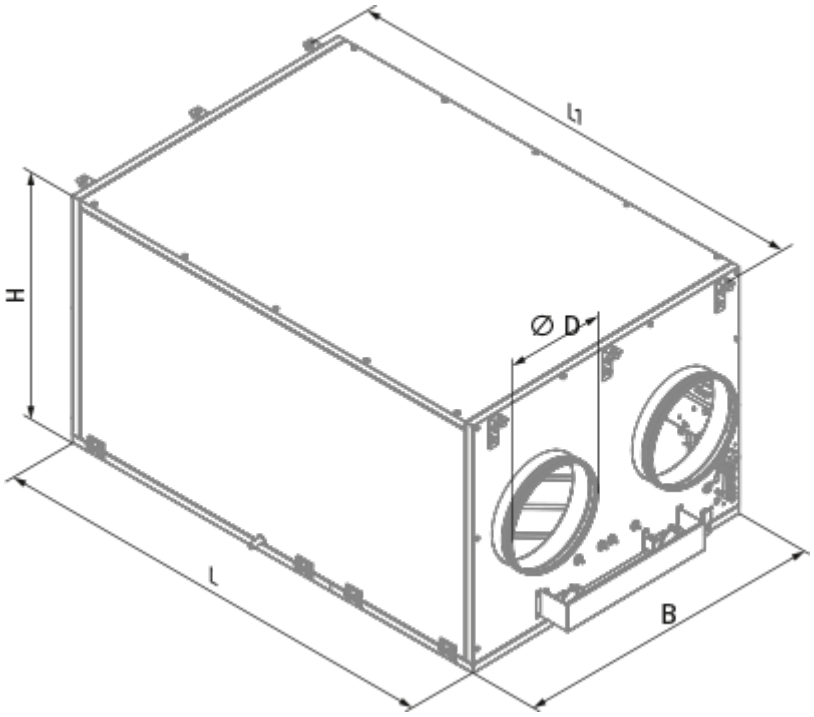
| | Unit of measurement | KOMFORT EC DBW 2000 S21 DTV |
|---|---|---|
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Maximum airflow | m³/h | 2100 |
| Heat recovery efficiency, max | % | 67 |
| Heat exchanger type | - | Cross flow |
| Heat exchanger material | - | Aluminum |
| Weight | kg | 140 |
| Transported air temperature (max) | °C | 40 |
| Transported air temperature (min) | °C | -25 |
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 40 |
| Ingress protection rating | - | IP22 |
| Ambient air humidity max | % | 60 |
| Ingress protection rating of the drive | - | IP44 |


1,000
750
500
250
0
Static pressure [Pa]
0
1,000
2,000
Airflow [m3/h]




## Dimensions

| Ø D | B | H | L | L1 |
|---|---|---|---|---|
| 315 | 950 | 761 | 1400 | 1453 |




## Accessories

### Condensation drainage

| Name | Photo | Description |
|---|---|---|
| SFK 20x32 |  | Hydraulic syphon for condensate drainage |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| SD 315/600 |  | Silencers for round ducts |
| SD 315/900 |  | Silencers for round ducts |
| SD 315/1200 |  | Silencers for round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| VRV 315 |  | Backdraft dampers with spring for round ducts |

| | | |
|---|---|---|
| VKA 315 |  | Air dampers for round ducts |

### Mixing chambers

| Name | Photo | Description |
|---|---|---|
| WMG 3/4-4 |  | Water mixing units |
| WMG 3/4-6 |  | Water mixing units |
| WMG 1-6 |  | Water mixing units |
| WMG 1-10 |  | Water mixing units |
| WMG 1 1/4-10 |  | Water mixing units |
| WMG 1 1/4-16 |  | Water mixing units |
| WMG 1 1/2-16 |  | Water mixing units |
| WMG 1 1/2-25 |  | Water mixing units |
| WMG 2-25 |  | Water mixing units |
| WMG 2-40 |  | Water mixing units |

### Control Panels

| Name | Photo | Description |
|---|---|---|
| S25 |  | LCD control panel |

| | | |
|---|---|---|
| S22 |  | Control panels |
| S22 Wi-Fi |  | Control panels |

### CO2 sensors

| Name | Photo | Description |
|---|---|---|
| CD-1 |  | CO2 sensors |
| CD-2 |  | CO2 sensors |

### Humidity sensors

| Name | Photo | Description |
|---|---|---|
| FS2 |  | Humidity sensor |

### Other accessories

| Name | Photo | Description |
|---|---|---|
| FP 708x480x48 G4 |  | G4 panel filter |

### Electric actuators

| Name | Photo | Description |
|---|---|---|
| Belimo TF230 |  | Electric actuators |