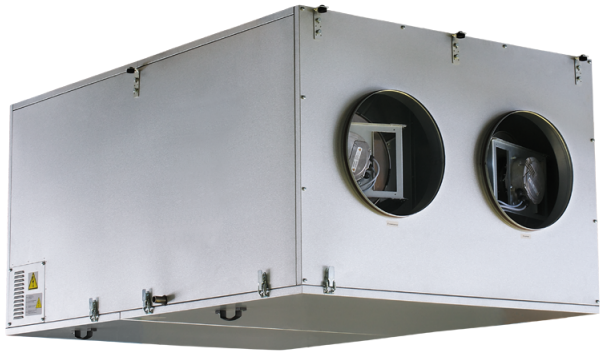
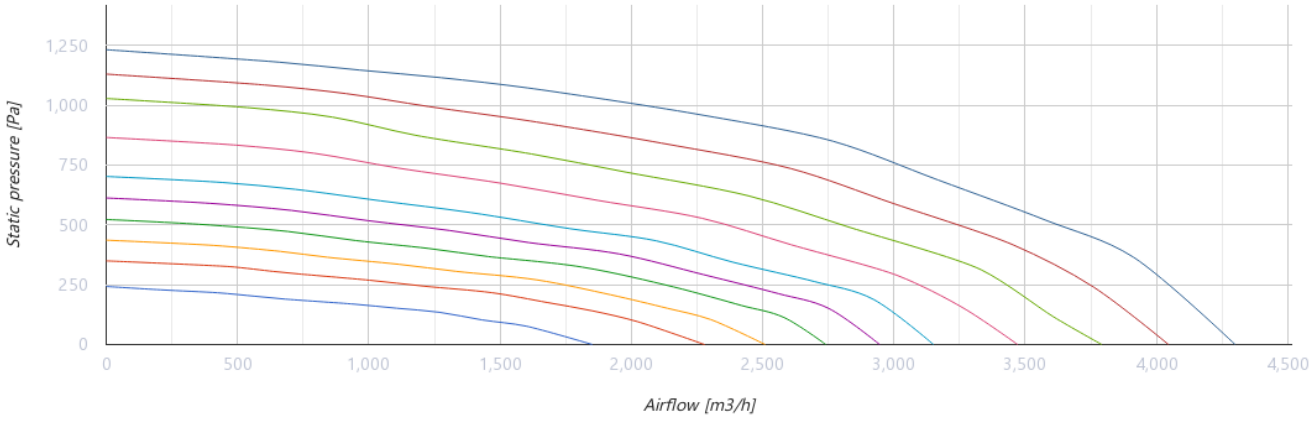


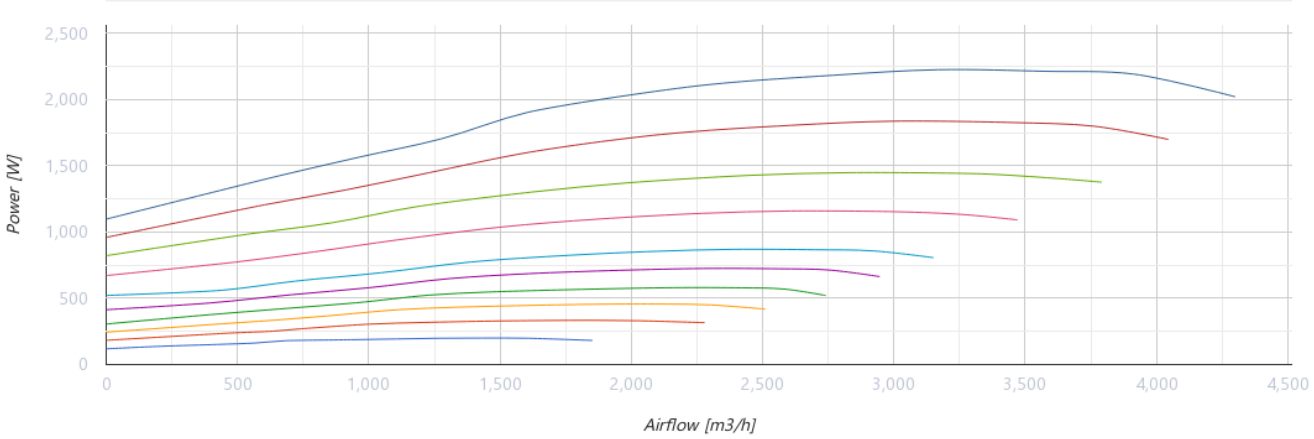
KOMFORT EC DBE 3000 S21

Suspended heat recovery air handling units

- Power of electrical reheater: 21000
- Heat exchanger type: Cross flow
- Heat exchanger material: Aluminum
- Sound-insulated casing
- Bypass: Auto
- Reheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

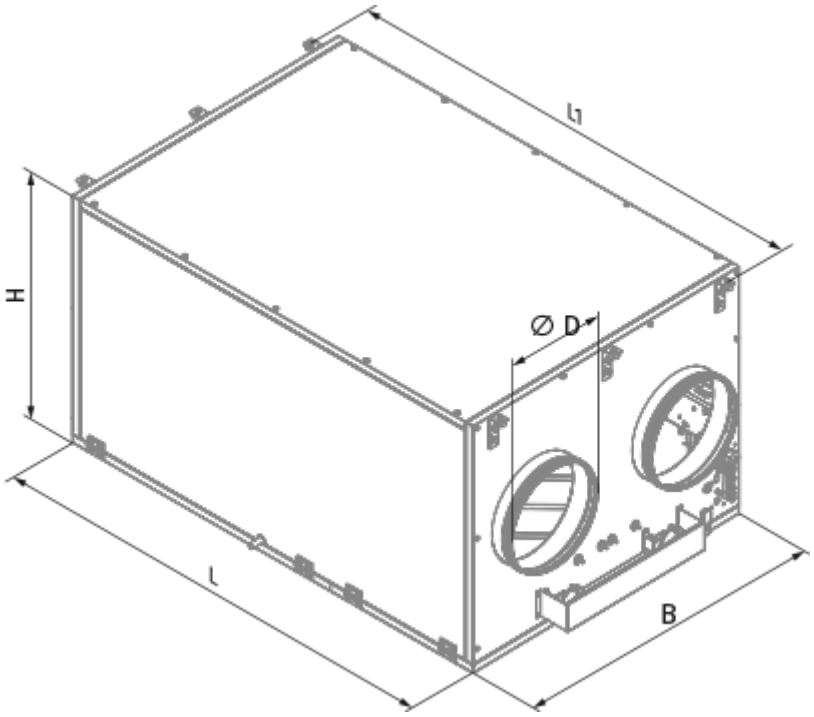
	Unit of measurement	KOMFORT EC DBE 3000 S21
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Power of electrical reheater	W	21000
Maximum airflow	m³/h	4300
Heat recovery efficiency, max	%	72
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Aluminum
Weight	kg	281
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





Dimensions

Ø D	B	H	L	L1
400	1265	854	1835	1888


L1
H
∅ D
L
B

Ecodesign

Trademark	Blauberg
Model	KOMFORT EC DBE 3000 S21
Type of drive installed	Integrated VSD
Type of heat recovery system	Recuperative
Thermal efficiency of heat recovery (%)	60
Nominal external pressure (Pa)	400
Maximum internal leakage rates (%)	2.7
Maximum external leakage rates (%)	2.7
Static efficiency (%)	55
Declared typology	NRVU BVU
Effective electric power input (kW)	1.45
Face velocity at design flow rate (m/s)	1.452
Energy performance of filters	B
Sound power level (dB(A))	67

Accessories

Condensation drainage

Name	Photo	Description
SFK 20x32		Hydraulic syphon for condensate drainage

For round ducts

Name	Photo	Description
SD 400/900		Silencers for round ducts
SD 400/1200		Silencers for round ducts

For round ducts

Name	Photo	Description

VKA 400		Air dampers for round ducts

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 827x741x48 G4		G4 panel filter

Electric actuators

Name	Photo	Description

Belimo TF230		Electric actuators