

# KOMFORT EC DBE 900-E L S21 DTV

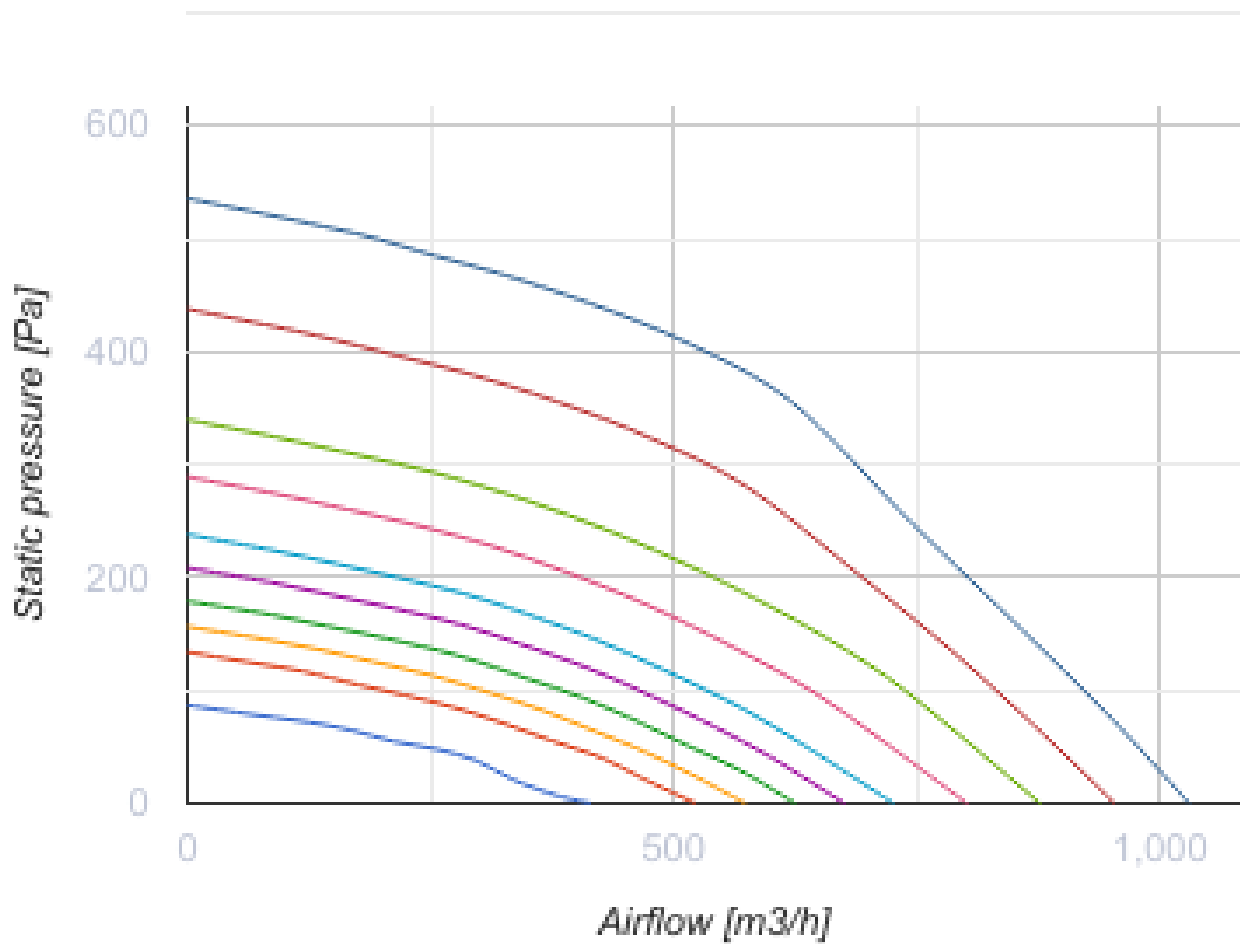
Suspended heat recovery air handling units

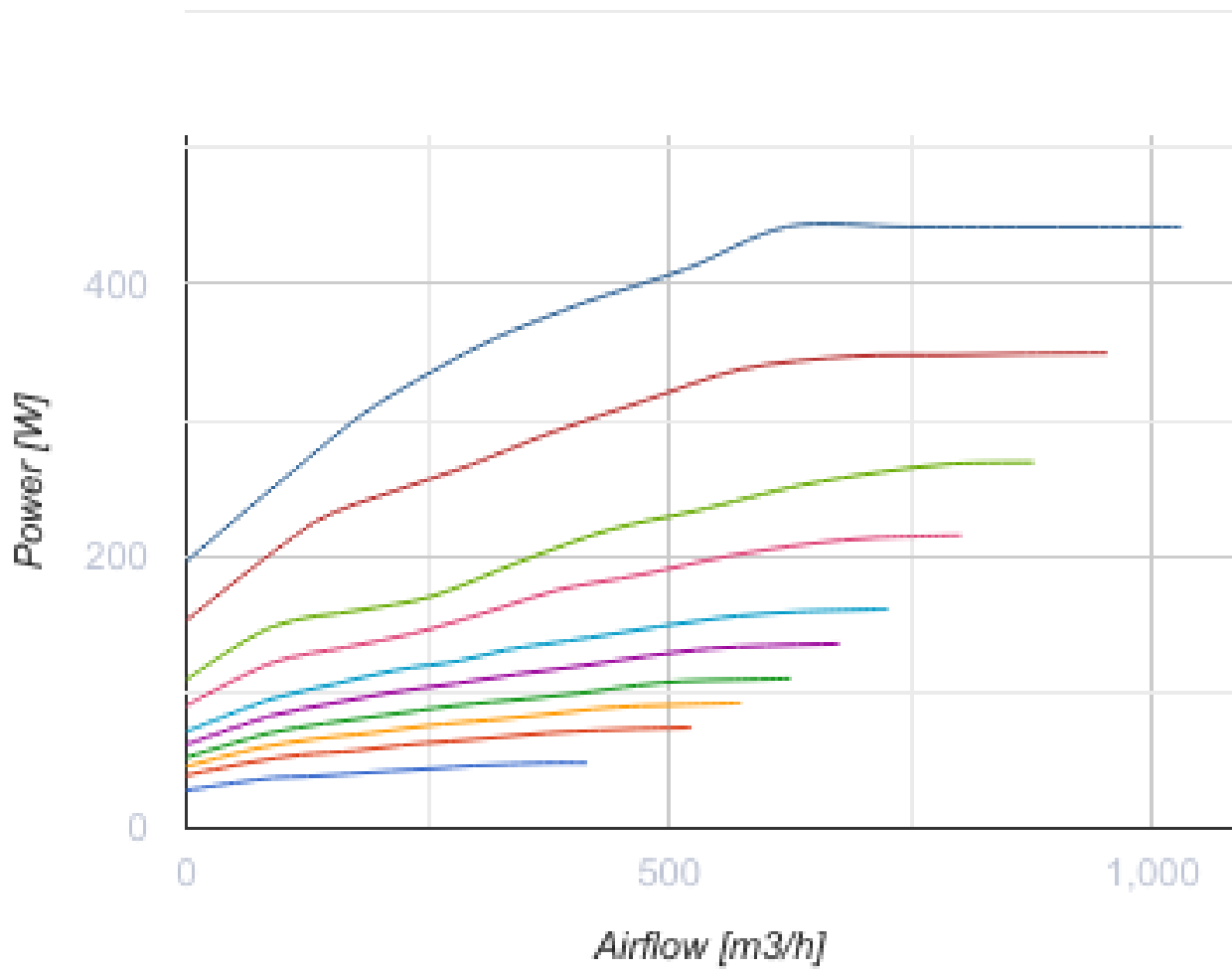


- Power of electrical reheater: 3300
- Maximum airflow: 1030
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (F7 option)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	KOMFORT EC DBE 900-E L S21 DTV
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	442
Power of electrical reheater	W	3300
Unit current	A	17.4
Maximum airflow	m <sup>3</sup> /h	1030
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	85
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	111
Extract filter	-	G4
Supply filter	-	G4 (F7 option)
Transported air temperature (max)	°C	40

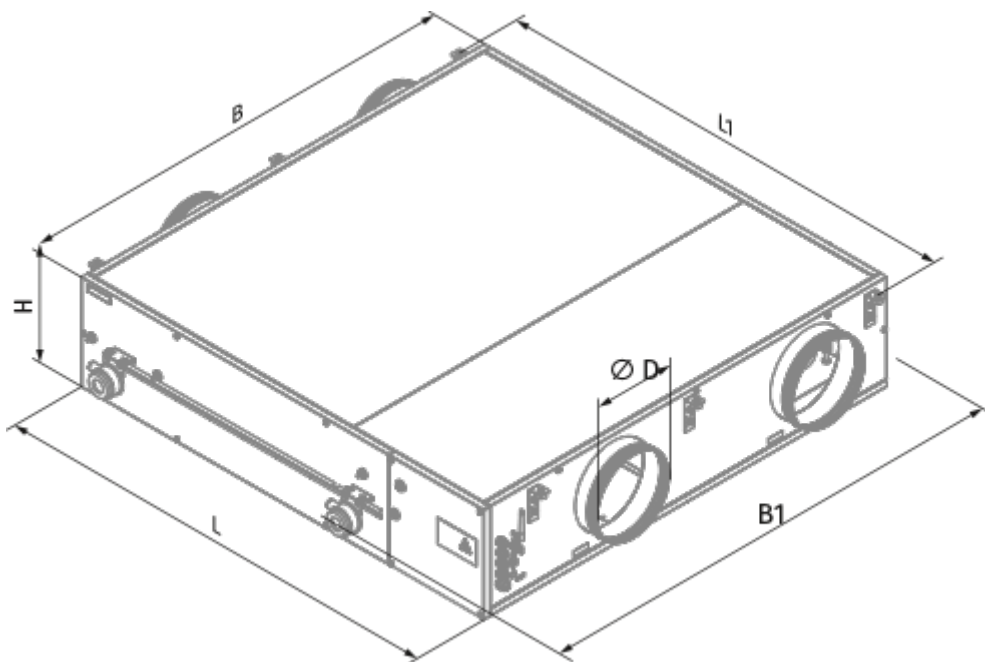
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	60
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44






## Dimensions

Ø D	B	B1	H	L	L1
250	1351	1485	318	1349	1402






## Accessories

### Other accessories

Name	Photo	Description
FP 647x274x20 G4		G4 panel filter
FPT 647x274x27 G4		
FPT 647x274x27 F7		

### Control Panels



Name	Photo	Description
<a href="#">S22</a>		Control panels
<a href="#">S22 Wi-Fi</a>		Control panels
<a href="#">S25</a>		LCD control panel

### Humidity sensors




Name	Photo	Description
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<a href="#">FS2</a>		Humidity sensor
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### CO2 sensors

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


### Electrical heaters


Name	Photo	Description
<a href="#">EVH 250-1.2-1 S21 V.2</a>		Electric duct preheater for heat exchanger freeze protection
<a href="#">EVH 250-2.0-1 S21 V.2</a>		Electric duct preheater for heat exchanger freeze protection
<a href="#">EVH 250-3.0-1 S21 V.2</a>		Electric duct preheater for heat exchanger freeze protection

### For round ducts


Name	Photo	Description
<a href="#">SD 250/600</a>		Silencers for round ducts
<a href="#">SD 250/900</a>		Silencers for round ducts
<a href="#">SD 250/1200</a>		Silencers for round ducts

### For round ducts

Name	Photo	Description
<a href="#">VRV 250</a>		Backdraft dampers with spring for round ducts

<a href="#">VKA 250</a>		Air dampers for round ducts
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### Electric actuators

Name	Photo	Description
<a href="#">Belimo TF230</a>		Electric actuators