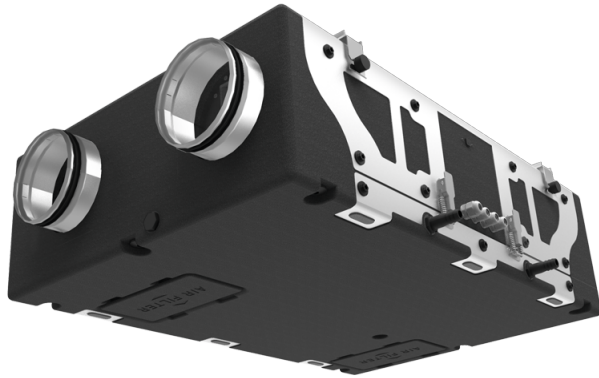


# KOMFORT EC D5B 180-E S21

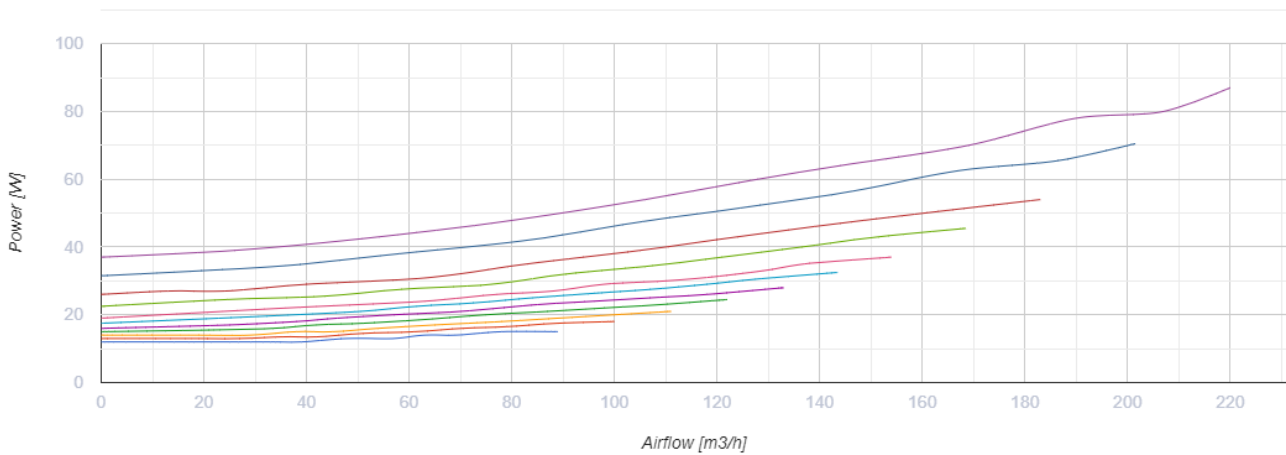
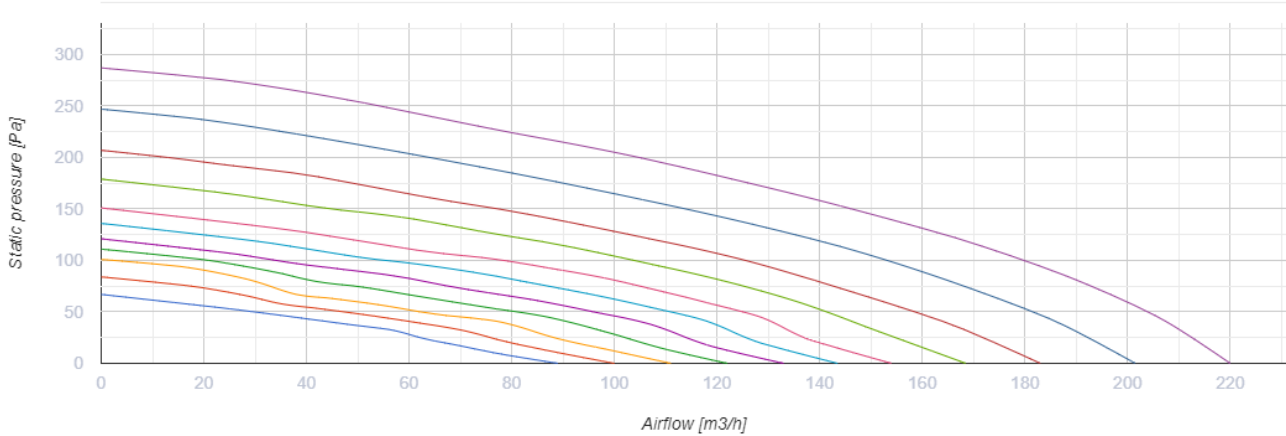
Heat and energy recovery air handling units



- Maximum airflow: 220
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 + F7
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Optional
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Installation in any position
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

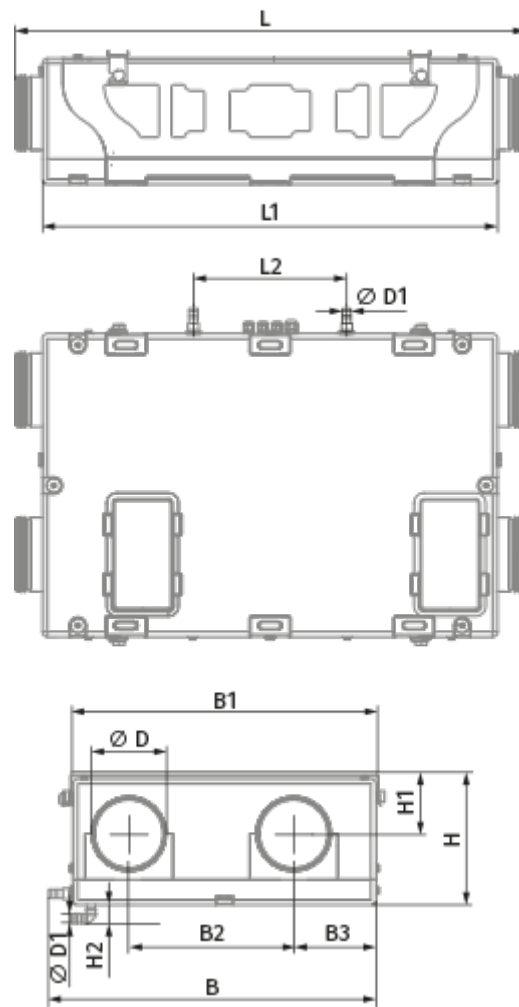
	Unit of measurement	KOMFORT EC D5B 180-E S21
Connected air duct size	mm	150
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	87
Unit current	A	0.71
Maximum airflow	m <sup>3</sup> /h	220
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	94
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	14
Extract filter	-	G4
Supply filter	-	G4 + F7
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	Ø D1	B	B1	B2	B3	L	L1	L2	H	H1	H2
150	-	650	600	326	163	900	1009	302	264	110	-






## Accessories

### Other accessories

Name	Photo	Description
FP 214x186x18 G4		G4 panel filter
FP 214x186x48 F7		F7 panel filter

### Control Panels



Name	Photo	Description
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<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
<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

### Electrical heaters


Name	Photo	Description
<a href="#">EVH 150-0.8-1 S21 V.2</a>		Electric duct preheater for heat exchanger freeze protection
<a href="#">EVH 150-1.2-1 S21 V.2</a>		Electric duct preheater for heat exchanger freeze protection
<a href="#">EVH 150-1.7-1 S21 V.2</a>		Electric duct preheater for heat exchanger freeze protection
<a href="#">EVH 150-2.0-1 S21 V.2</a>		Electric duct preheater for heat exchanger freeze protection
<a href="#">ENH 150-0.8-1 S21 V.2</a>		Duct heater for supply air reheating

<a href="#">ENH 150-1.2-1 S21 V.2</a>		Duct heater for supply air reheating
<a href="#">ENH 150-1.7-1 S21 V.2</a>		Duct heater for supply air reheating
<a href="#">ENH 150-2.0-1 S21 V.2</a>		Duct heater for supply air reheating

### For round ducts

Name	Photo	Description
<a href="#">SD 150/600</a>		Silencers for round ducts
<a href="#">SD 150/900</a>		Silencers for round ducts
<a href="#">SD 150/1200</a>		Silencers for round ducts

### For round ducts

Name	Photo	Description
<a href="#">VKA 150</a>		Air dampers for round ducts