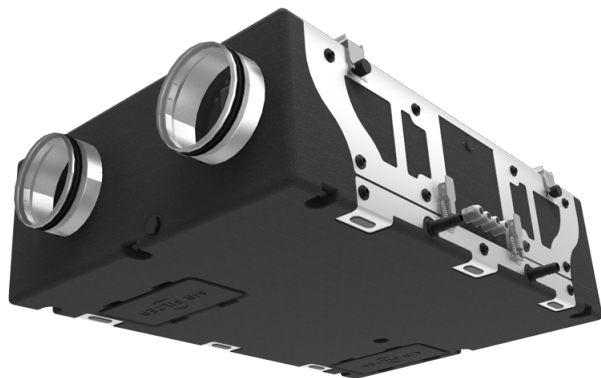


KOMFORT EC D5B 180 S21

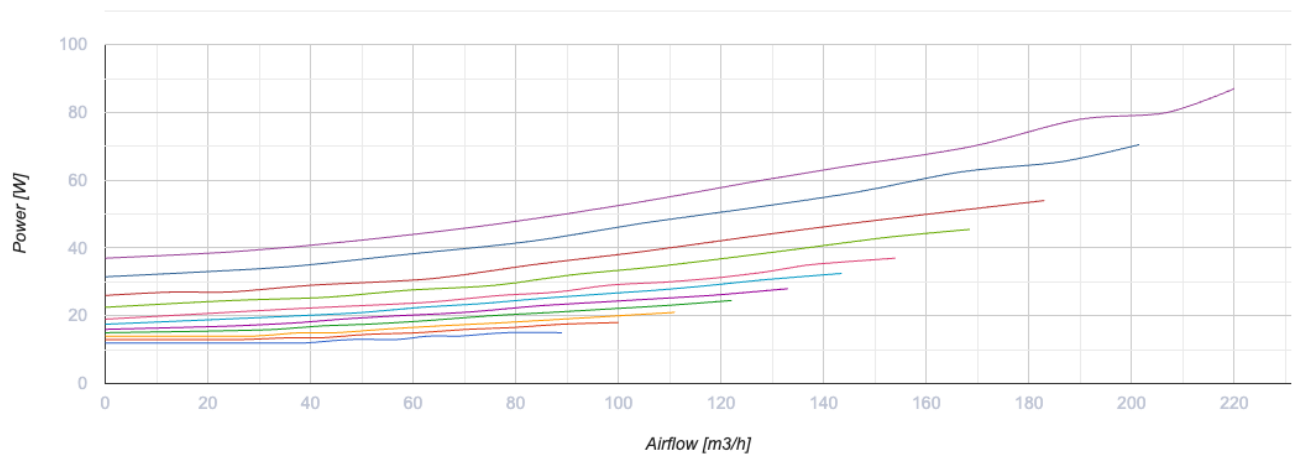
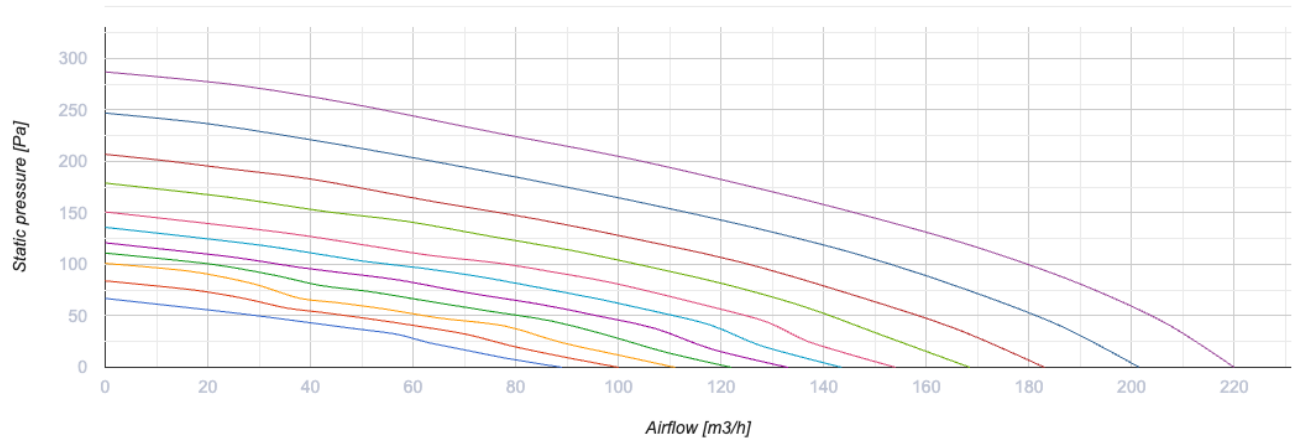
Heat and energy recovery air handling units



- 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
- Bypass: Auto
- Reheater: Optional
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

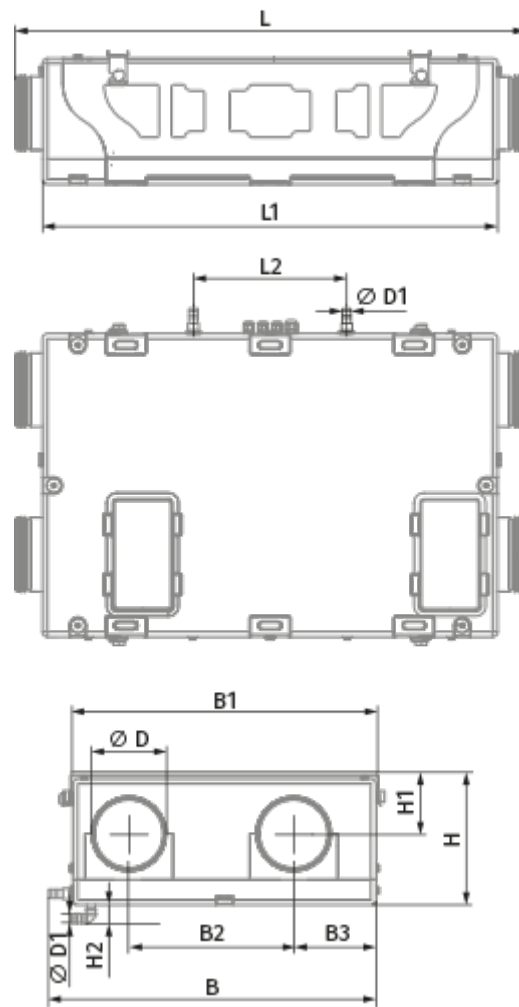
	Unit of measurement	KOMFORT EC D5B 180 S21
Connected air duct size	mm	150
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	87
Unit current	A	0.71
Maximum airflow	m ³ /h	220
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	98
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
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	19	650	600	326	163	900	1009	302	264	110	38






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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S22		Control panels
S22 Wi-Fi		Control panels
S25		LCD control panel






Humidity sensors




Name	Photo	Description
FS2		Humidity sensor

CO2 sensors


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

Electrical heaters




Name	Photo	Description
EVH 150-0.8-1 S21 V.2		Electric duct preheater for heat exchanger freeze protection
EVH 150-1.2-1 S21 V.2		Electric duct preheater for heat exchanger freeze protection
EVH 150-1.7-1 S21 V.2		Electric duct preheater for heat exchanger freeze protection
EVH 150-2.0-1 S21 V.2		Electric duct preheater for heat exchanger freeze protection
ENH 150-0.8-1 S21 V.2		Duct heater for supply air reheating

ENH 150-1.2-1 S21 V.2		Duct heater for supply air reheating
ENH 150-1.7-1 S21 V.2		Duct heater for supply air reheating
ENH 150-2.0-1 S21 V.2		Duct heater for supply air reheating


Condensation drainage

Name	Photo	Description
SFK 20x32		Hydraulic syphon for condensate drainage

For round ducts

Name	Photo	Description
SD 150/600		Silencers for round ducts
SD 150/900		Silencers for round ducts
SD 150/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
VKA 150		Air dampers for round ducts