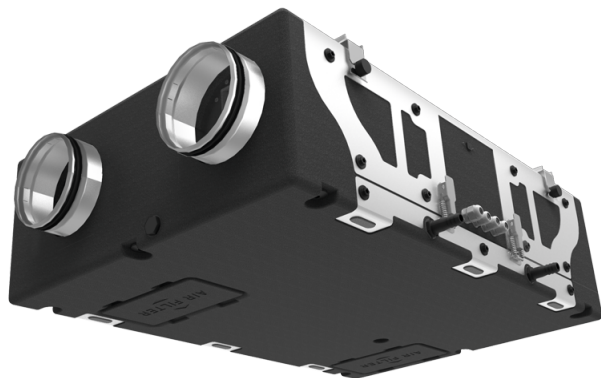


KOMFORT EC D5B 180-E S21

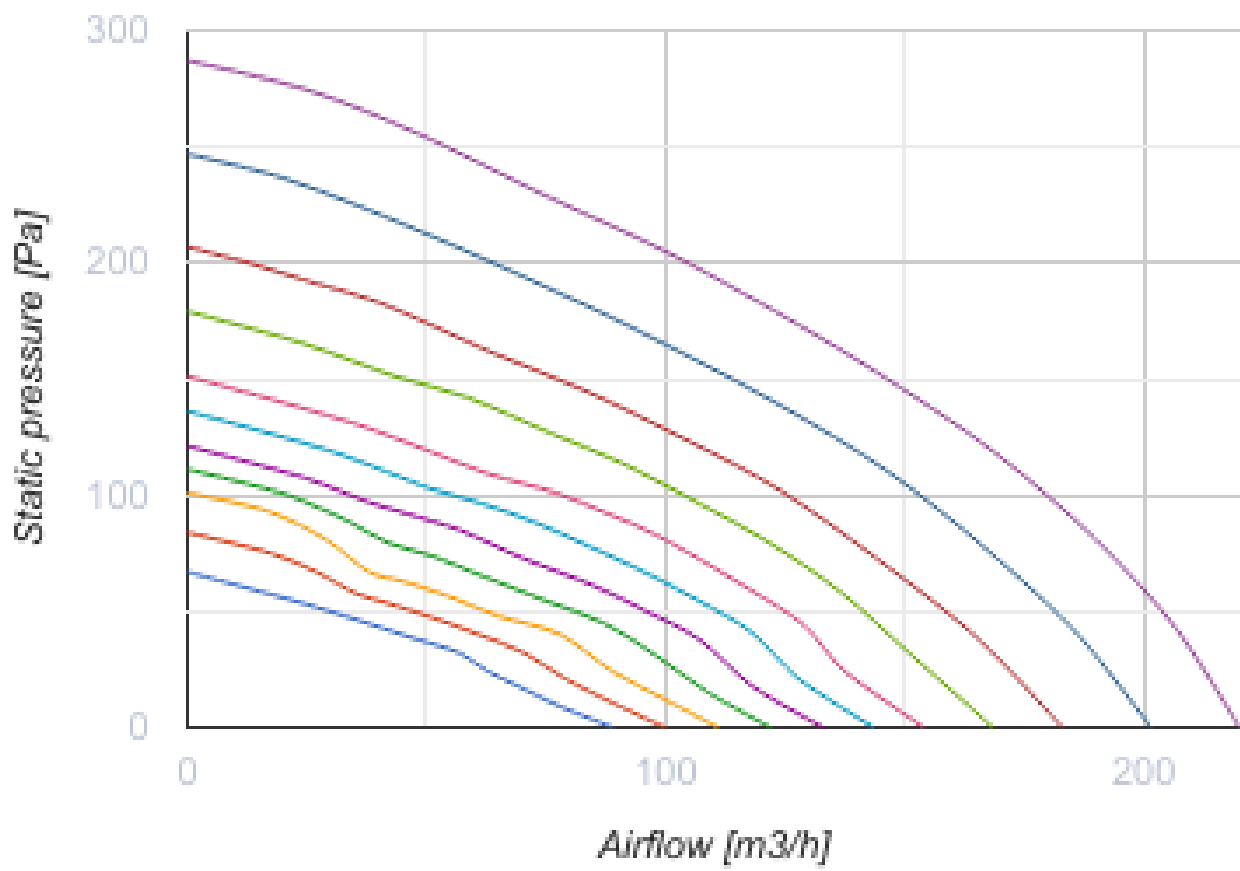
Heat and energy recovery air handling units

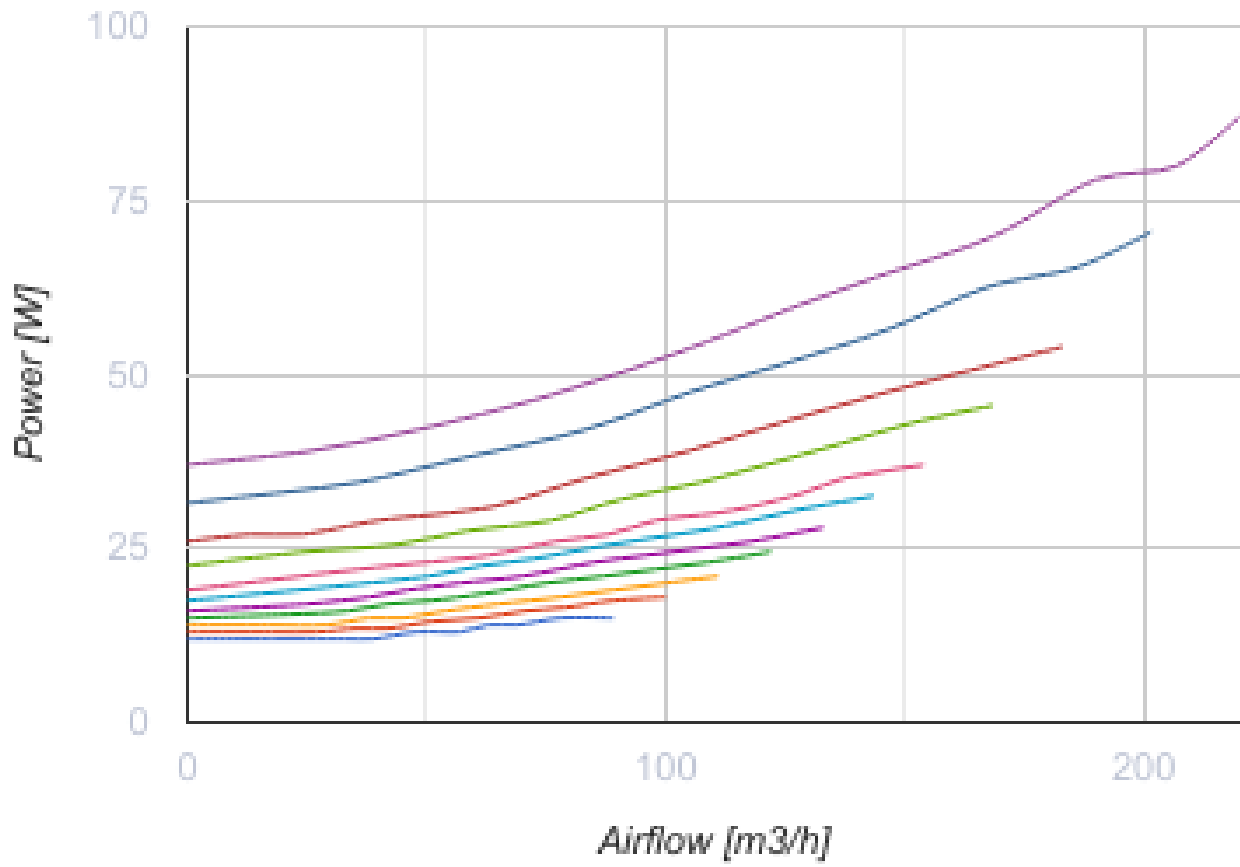


- Maximum airflow: 220
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 + F7
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Optional
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- 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 ³ /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

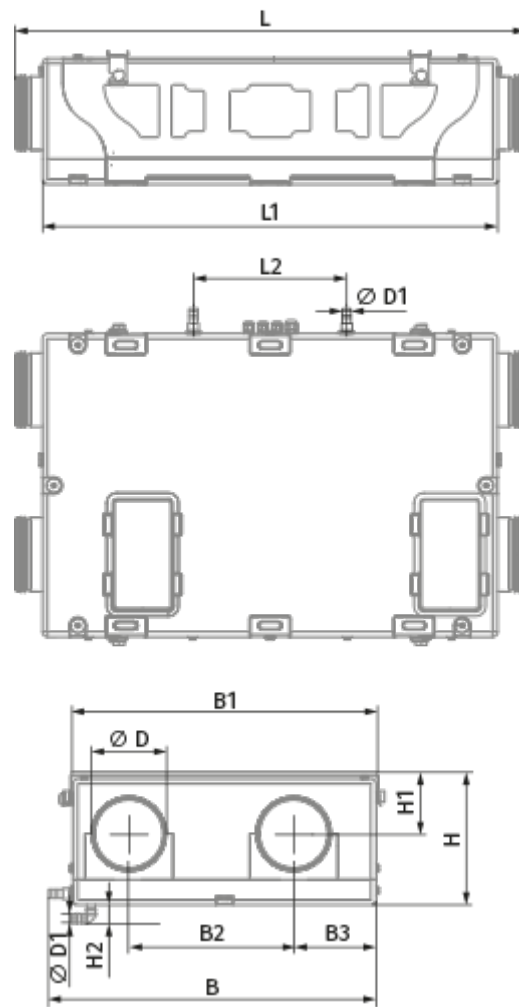
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	60
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44





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

Other accessories







Name	Photo	Description
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S22		Control panels
S22 Wi-Fi		Control panels
S25		LCD control panel

Other accessories




Name	Photo	Description
FS2		Humidity sensor
CD-1		CO2 sensors
CD-2		CO2 sensors

Other accessories


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

Other accessories

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

Other accessories

Name	Photo	Description
VKA 150		Air dampers for round ducts