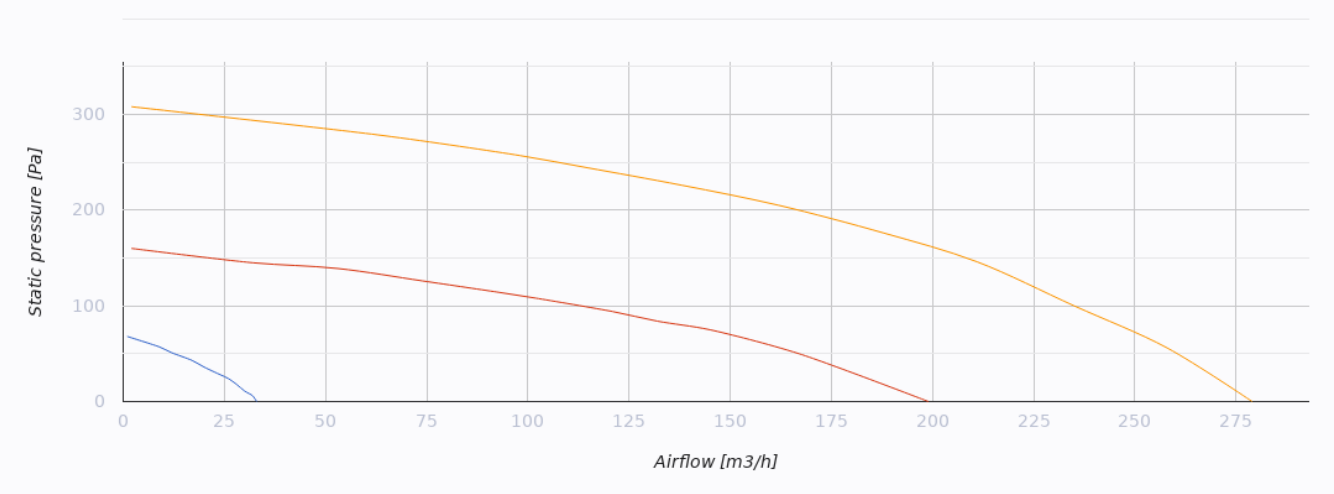
Reneo-Fit D 200 R S21

Heat and energy recovery air handling units

- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: Coarse > 60 % (option: ePM1 60 %)
- Extract filter: Coarse > 60 %
- Sound-insulated casing
- Bypass: Auto
- Preheater: Optional
- Reheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

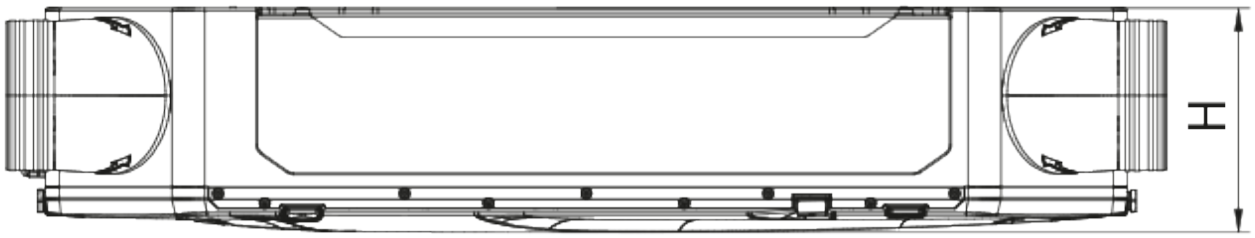
	Unit of measurement	Reneo-Fit D 200 R S21
Connected air duct size	mm	160/125
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	111
Unit current	A	0.9
Maximum airflow	m³/h	279
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	89
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	18
Supply filter	-	Coarse > 60 % (option: ePM1 60 %)
Extract filter	-	Coarse > 60 %
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	Ø D1	H	L	L1	W	W1	W2	W3
160	125	242	1160	685	683	642	610	521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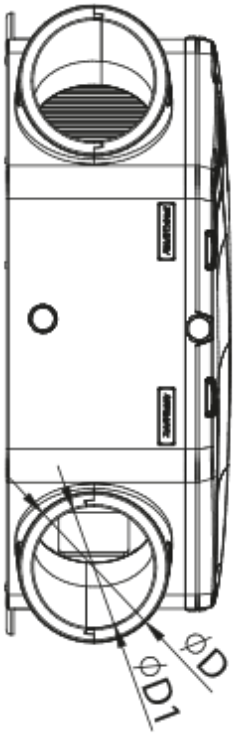
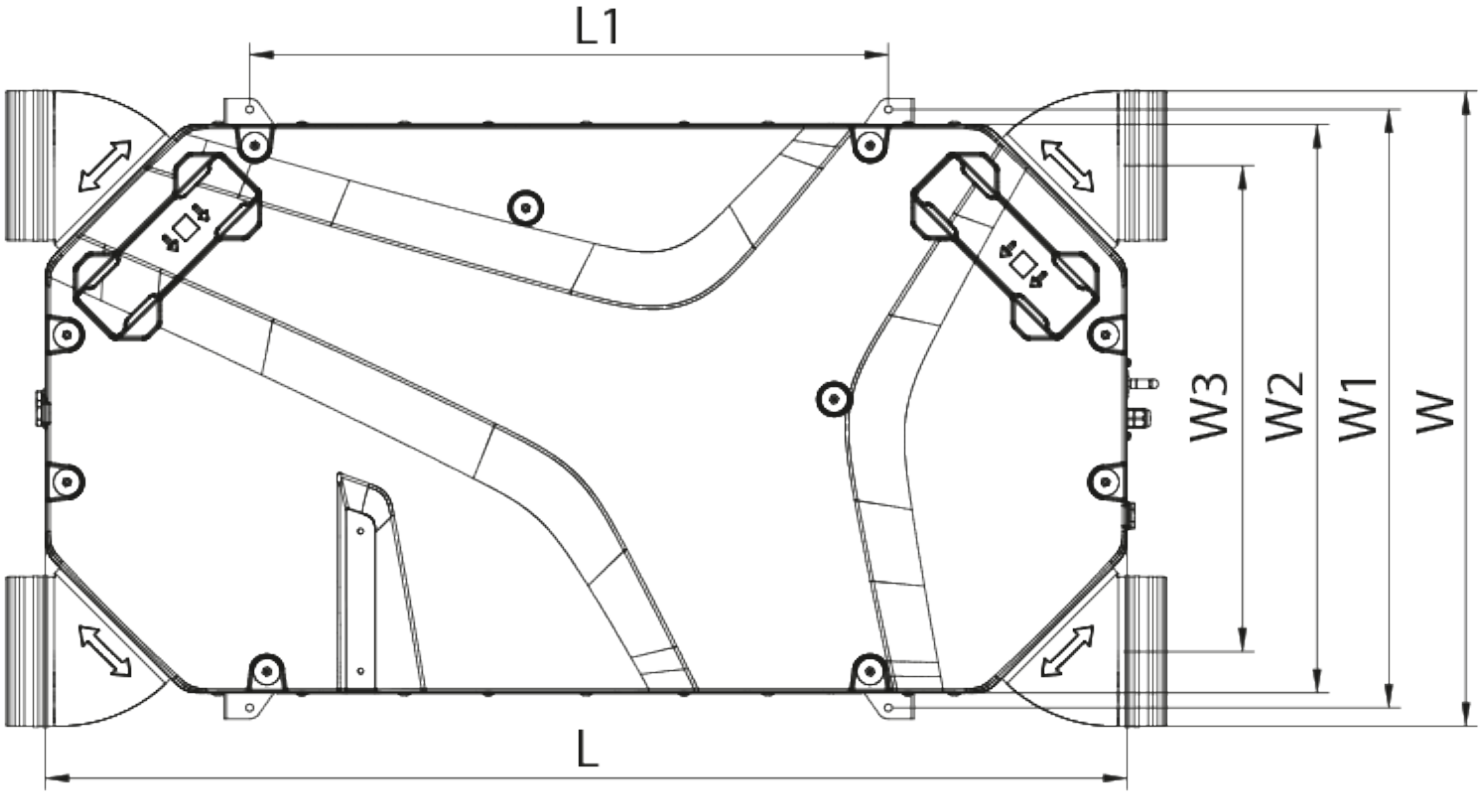

ØD
ØD1


L1
W3
W2
W1
W
L

Ecodesign

Trademark	Blauberg					
Model	Reneo-Fit D 200 R S21					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-80.8	A+	-42.5	A+	-17.9	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	84					
Maximum flow rate (m³/h)	235					
Electric power input (W)	103					
Reference flow rate (m³/s)	0.046					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.21					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	54					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	693		156		111	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8938		4569		2066	