



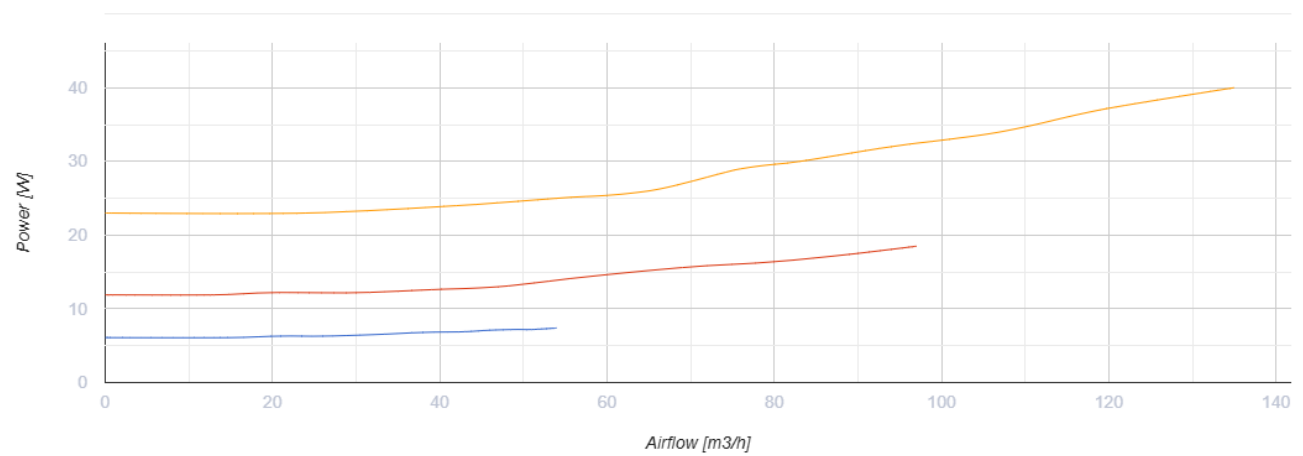
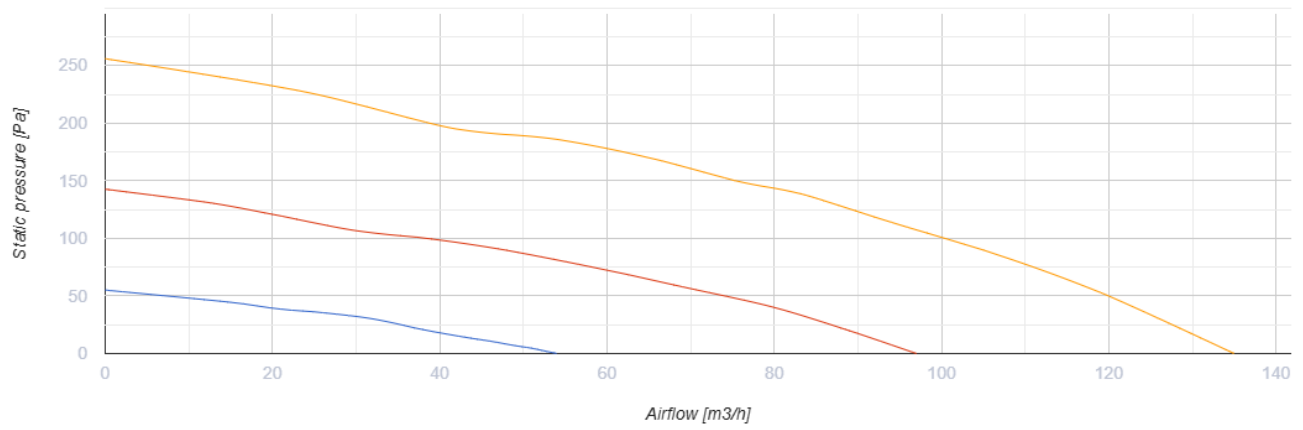
Reneo-Fit D 100 S14

Suspended heat and energy recovery air handling units

- Maximum airflow: 130
- Sound pressure level LpA at 3 m: 32
- Heat exchanger type: Counter flow
- Extract filter: G4 / Coarse > 60 %
- Supply filter: G4 / Coarse > 60 % (option: F7 / ePM1 60 %)
- Sound insulation
- Motor type: EC
- Control: Wired control panel
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional

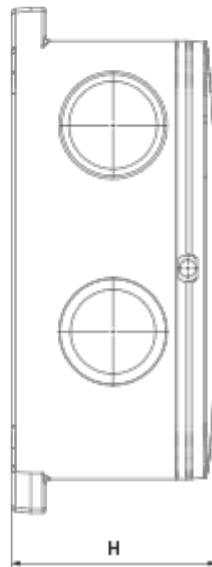
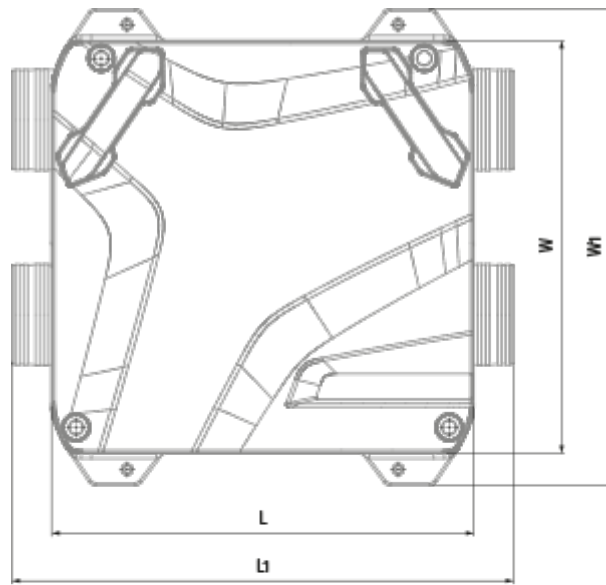
	Unit of measurement	Reneo-Fit D 100 S14
Connected air duct size	mm	125/100
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	45
Unit current	A	0.34
Maximum airflow	m ³ /h	130
Sound pressure level LpA at 3 m	dB(A)	32
Heat recovery efficiency, max	%	94
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	8
Extract filter	-	G4 / Coarse > 60 %
Supply filter	-	G4 / Coarse > 60 % (option: F7 / ePM1 60 %)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-23
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

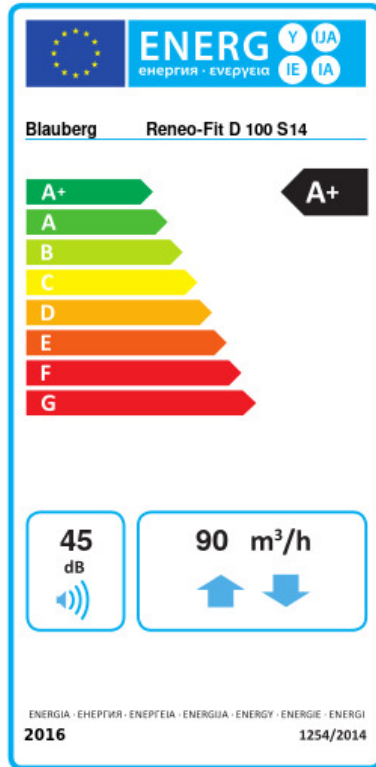


Dimensions

H	L	L1	W	W1
242	530	630	520	600



Ecodesign




Trademark	Blauberg					
Model	Reneo-Fit D 100 S14					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	81	A+	42.3	A+	17.5	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	86					
Maximum flow rate (m ³ /h)	90					
Electric power input (W)	37					
Reference flow rate (m ³ /s)	0.018					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.254					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.8					
Maximum external leakage rates (%)	3					
Sound power level (dB(A))	45					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	716.4		179.4		134.4	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	9019		4610		2085	


Accessories

Other accessories



Name	Photo	Description
FP 176x150x22 G4		G4 panel filter

FP 176x150x22 F7		F7 panel filter
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Humidity sensors

Name	Photo	Description
FS2		Humidity sensor


CO2 sensors

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

Condensation drainage

Name	Photo	Description
SFK 20x32		Hydraulic syphon for condensate drainage

For round ducts

Name	Photo	Description
VKA 125		Air dampers for round ducts

Electric actuators

Name	Photo	Description
Belimo TF230		Electric actuators