

Reneo-Fit D 150-ER S14

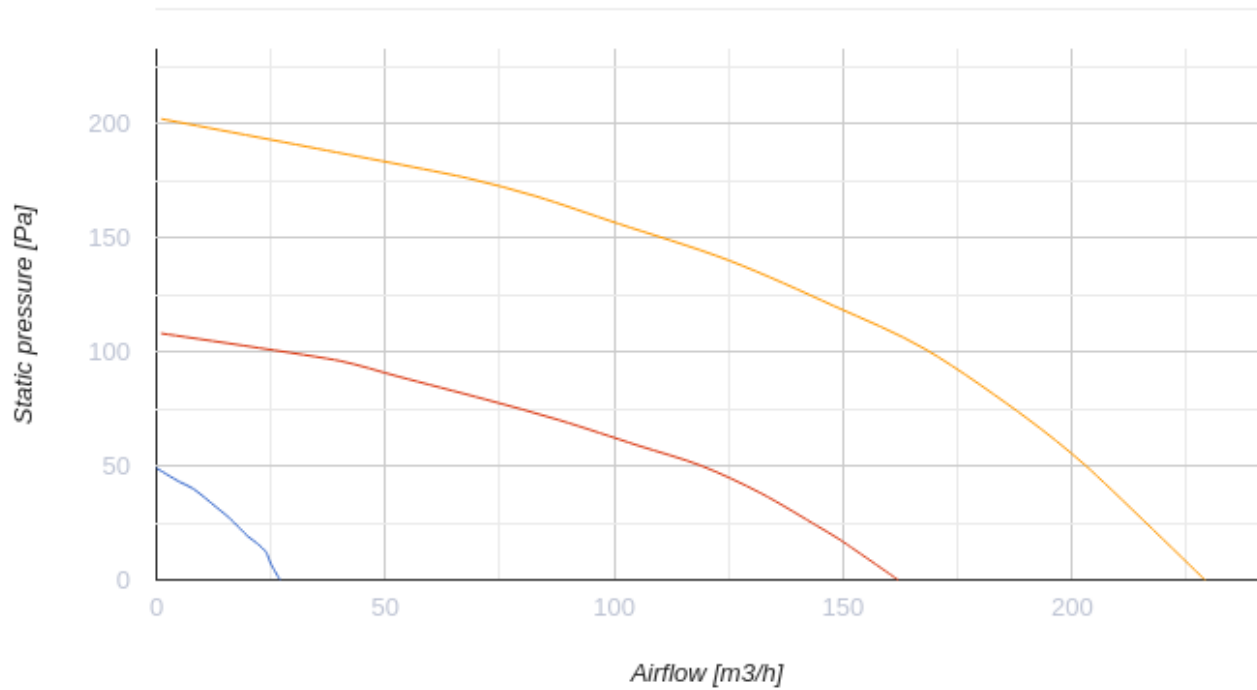
Heat and energy recovery air handling units



- Sound pressure level LpA at 3 m: 27
- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Supply filter: Coarse > 60 % (option: ePM1 60 %)
- Extract filter: Coarse > 60 %
- Sound-insulated casing
- Enthalpy heat exchanger
- Bypass: Manual
- Control: Wired control panel
- Casing material: EPP
- CO2 sensor: Optional

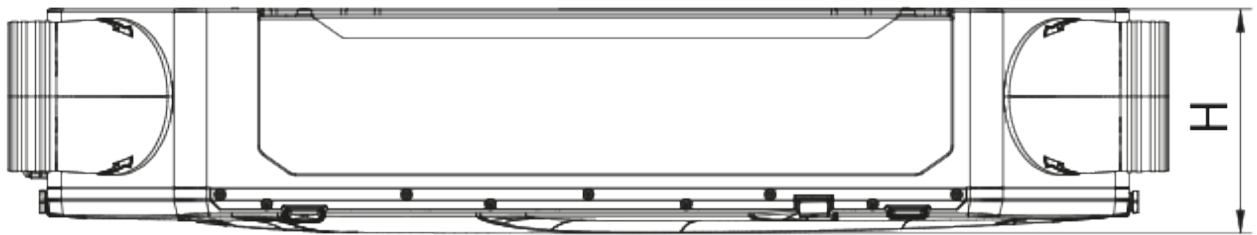
	Unit of measurement	Reneo-Fit D 150-ER S14
Connected air duct size	mm	160/125
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	72
Unit current	A	0.63
Maximum airflow	m ³ /h	229
Sound pressure level LpA at 3 m	dB(A)	27
Heat recovery efficiency, max	%	85
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	19.5
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
Ingress protection rating of the drive	-	IP44

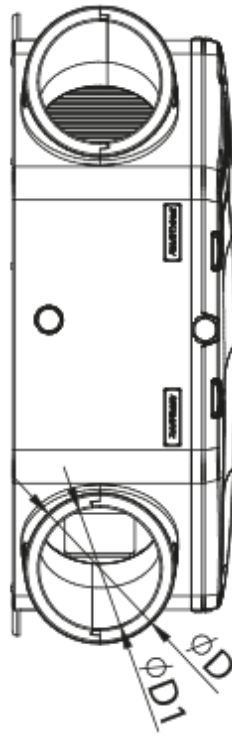
Ambient air humidity max	%	60
Article	-	8120411

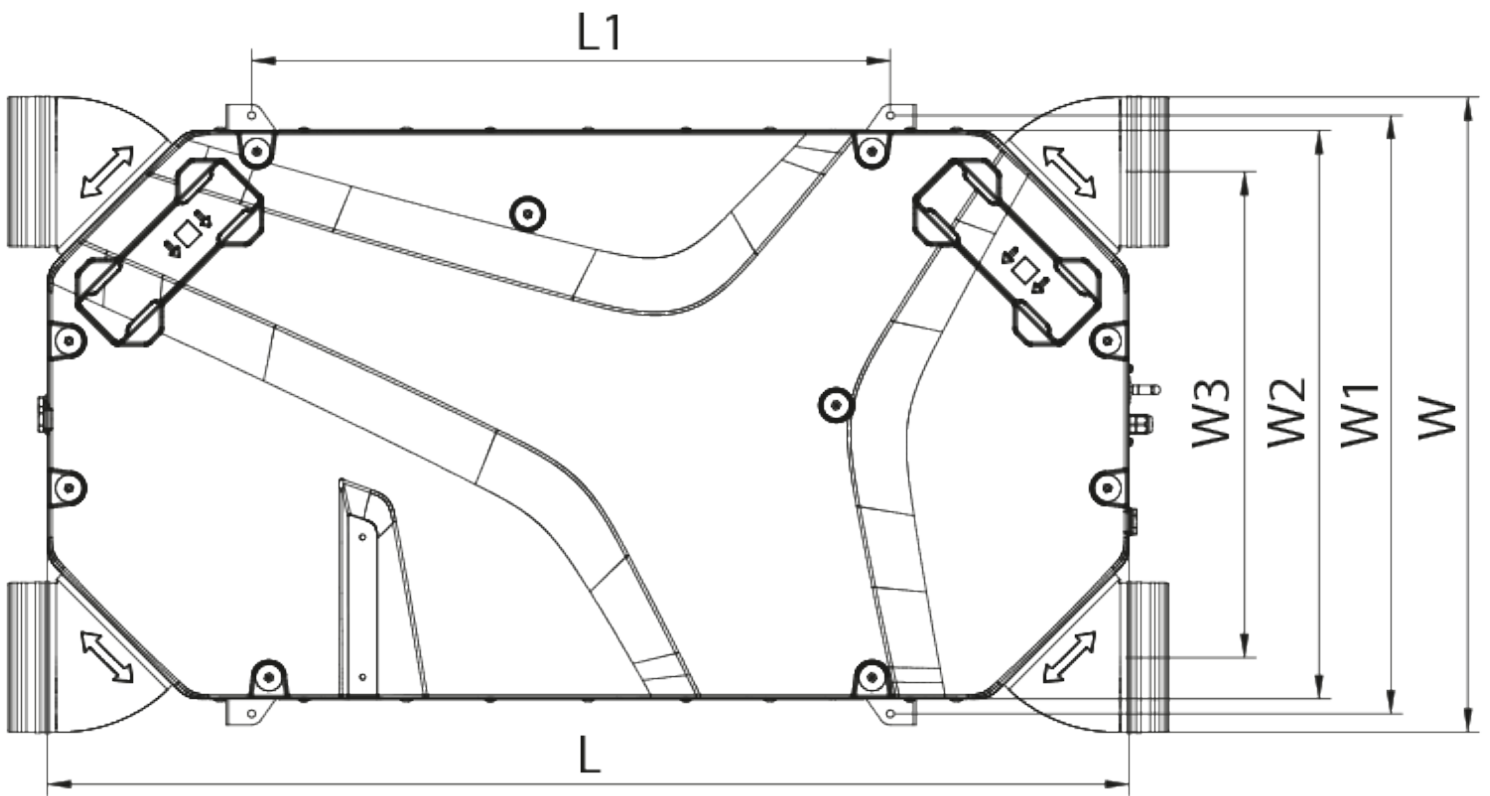


Dimensions

Ø D	Ø D1	H	L	L1	W	W1	W2	W3
160	125	242	1160	685	683	642	610	521









Ecodesign

Trademark	Blauberg					
Model	Reneo-Fit D 150-E R S14					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-78.8	A+	-41.6	A	-17.7	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	78					
Maximum flow rate (m ³ /h)	168					
Electric power input (W)	64					
Reference flow rate (m ³ /s)	0.033					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.18					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	48					
The annual electricity consumption (AEC) (kWh/a)	Cold	Average		Warm		
	677	140		95		
The annual heating saved (AHS) (kWh/a)	Cold	Average		Warm		
	8695	4445		2010		

Accessories

For round ducts



Name	Photo	Description
SD 160/600		Silencers for round ducts
SD 160/900		Silencers for round ducts

SD 160/1200		Silencers for round ducts
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For round ducts

Name	Photo	Description
VKA 160		Air dampers for round ducts



CO2 sensors

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

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor

Other accessories

Name	Photo	Description
FP 200x165x48 ePM1 60% F7		F7 panel filter
FP 200x165x48 Coarse 90% G4		G4 panel filter

Electric actuators

Name	Photo	Description
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[Belimo TF230](#)



Electric actuators