

REB



Heat recovery units with EC technology and built-in bypass.



REB-15...120



Heat recovery units with EC technology and built-in bypass. Low power consumption and heat recovery efficiency of over 86%.

Characteristics:

- Counterflow heat exchanger.
- With 100% automatic bypass (except model REB-15).
- Low consumption fans with built-in regulation.
- Lateral maintenance access.
- 50/60 Hz compatible operation.
- Particle filters with efficiencies depending on models.



REB-180...270

Models 15 to 120 have the following finishes:

- Galvanised steel structure.
- Anti-condensation foam coating.
- Interior in lightweight expanded polypropylene and with low noise emissions.
- Low profile for installation in technical ceilings.



REB-400...600

Models 180 and 270 have the following finishes:

- Aluminium profile and prefinished sheet steel structure with 25 mm thick thermal and acoustic insulation panels.
- Low profile for installation in technical ceilings.

Models REB-400 and REB-600 have the following finishes:

- Aluminium profile and prefinished sheet steel structure with 30 mm thick thermal and acoustic insulation panels.
- For installation on roofs or in technical rooms.

Order code

REB — 15

REB: Heat recovery units with EC technology and built-in bypass

Model

Characteristics depending on size

	REB-15	REB-25..120	REB-180..270	REB-400..600
Supply standard filters	G4	G4	G4+F9	F6+F8
Extraction standard filters	G4	G4	G4	F6
Access to filters on both sides	-	-	-	YES
Second filter stage integrated in the fresh air circuit	-	-	YES	YES
Free cooling function 100% of flow	-	-	YES	YES
Heat recovery type	enthalpy	enthalpy	enthalpy	sensible
Condensate exhaust	-	-	-	YES
Built-in pressure switches for filter condition control	-	-	YES	YES
Maintenance switch	-	-	YES	YES
Compatible with SI-VOC+HUMEDAD control	YES	YES	YES	-

Technical characteristics

Model	Maximum airflow (m ³ /h)	Total Power (W)	Max. Admissible Current (A)		Heat recovery efficiency (%)	Radiated sound level at 5m dB(A)	Weight (kg)	According ErP
			220-240V II	380-415 V III				
REB-15	180	60	0,26		72	38	18	Excluded
REB-25	300	70	0,30		81	35	31	2018
REB-40	480	90	0,39		82	37	39	2018
REB-60	720	140	0,61		80	39	55	2018
REB-80	960	300	1,30		82	41	72	2018
REB-120	1440	325	1,41		79	42	91	2018
REB-180	1770	750	5,80		73	53	150	2018
REB-270	2570	1000	7,20		73	53	180	2018
REB-400	4440	5000		8,00	86	63	375	2018
REB-600	5820	7800		12,40	86	63	465	2018

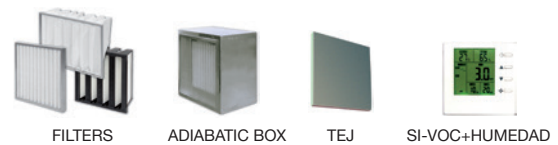


Erp. (Energy Related Products)

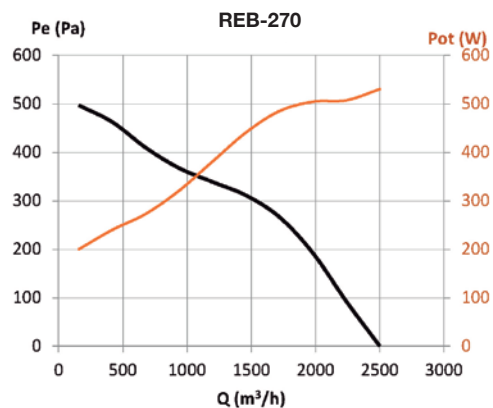
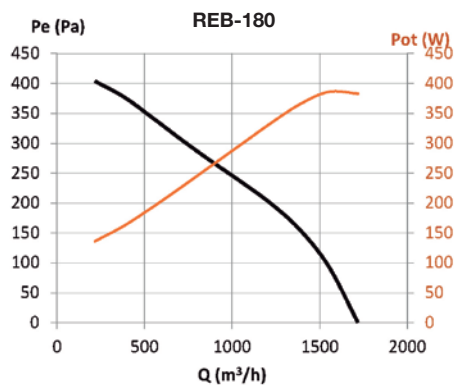
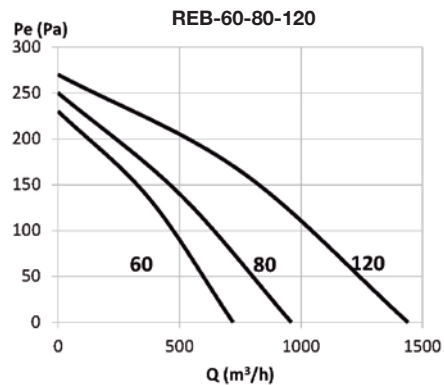
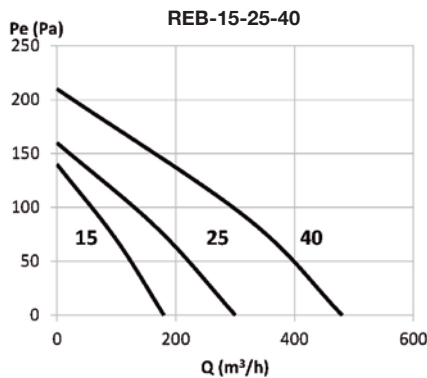
Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Accessories

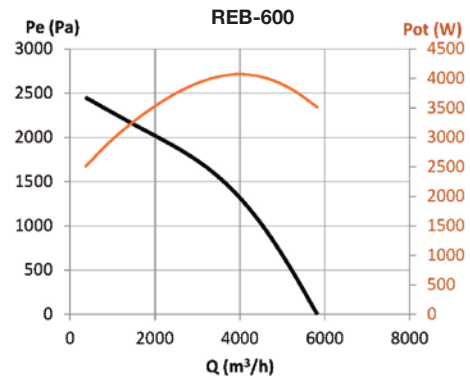
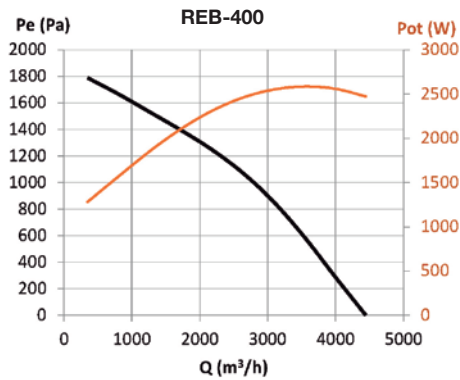
See accessories section



Characteristic Curves

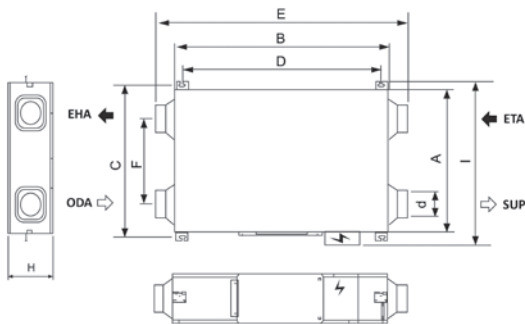


Characteristic Curves

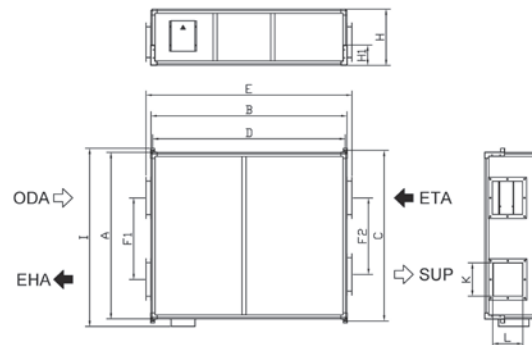


Dimensions in mm

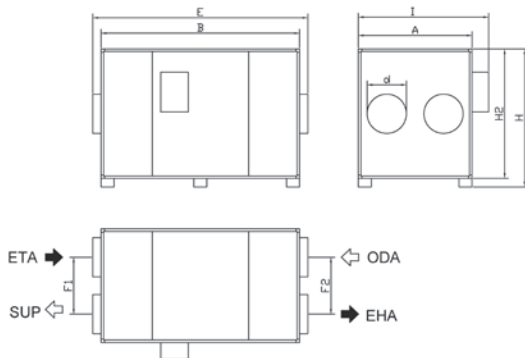
REB-15...120



REB-180...270



REB-400...600



Model	A	B	C	D	E	F	F1	F2	H	H1	H2	I	d	K	L
REB-15	510	883	560	813	1043	345	-	-	272	-	-	620	97	-	-
REB-25	675	890	735	820	1070	335	-	-	280	-	-	790	146	-	-
REB-40	813	888	863	818	1068	480	-	-	280	-	-	930	146	-	-
REB-60	995	970	1055	910	1130	728	-	-	313	-	-	1065	197	-	-
REB-80	883	1325	953	1255	1485	429	-	-	390	-	-	1000	247	-	-
REB-120	1132	1328	1202	1258	1488	680	-	-	395	-	-	1250	247	-	-
REB-180	1240	1630	1280	1596	1730	-	554	554	558	200	-	1355	-	230	260
REB-270	1654	1950	1695	1916	2050	-	810	760	558	200	-	1769	-	330	300
REB-400	1230	1900	-	-	2000	-	600	600	950	-	850	1385	450	-	-
REB-600	1245	2100	-	-	2200	-	600	600	1230	-	1130	1400	500	-	-

ODA: Fresh air from outside/SUP: Air blown into the premises/EHA: Stale air outlet/ETA: Air extracted from the premises