

RS EC

- EC-motors, high level of efficiency
- 100% speed controllable
- Integrated motor protection
- Can be installed in any position
- Potentiometer included for ease of commissioning

The RS EC models have impellers with backward curved blades and are fitted to EC external rotor motors. These fans have a high capacity in relation to their compact design. The fans are delivered with a pre-wired potentiometer (0-10V) which allows you to easily find the desired working point.

The RSI models are thermally and acoustically insulated with 50 mm mineral wool and perforated sheet steel on the inner surface.

Motor protection is integrated in the electronics of the motor. The casing is manufactured from galvanized steel.

Electrical accessories



EC-Vent p. 365



CO2RT p. 368



CXE p. 369



S-ET/STDT p. 373



MTV/MTP p. 359



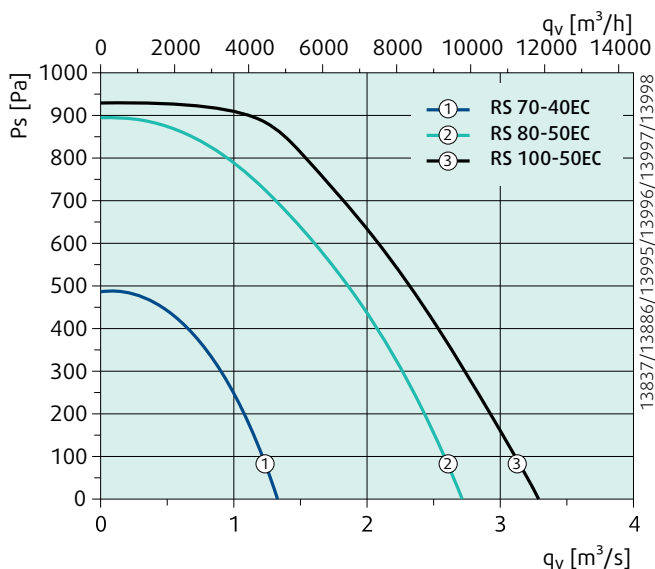
MicroREX p. 379



REV p. 380



Quick selection

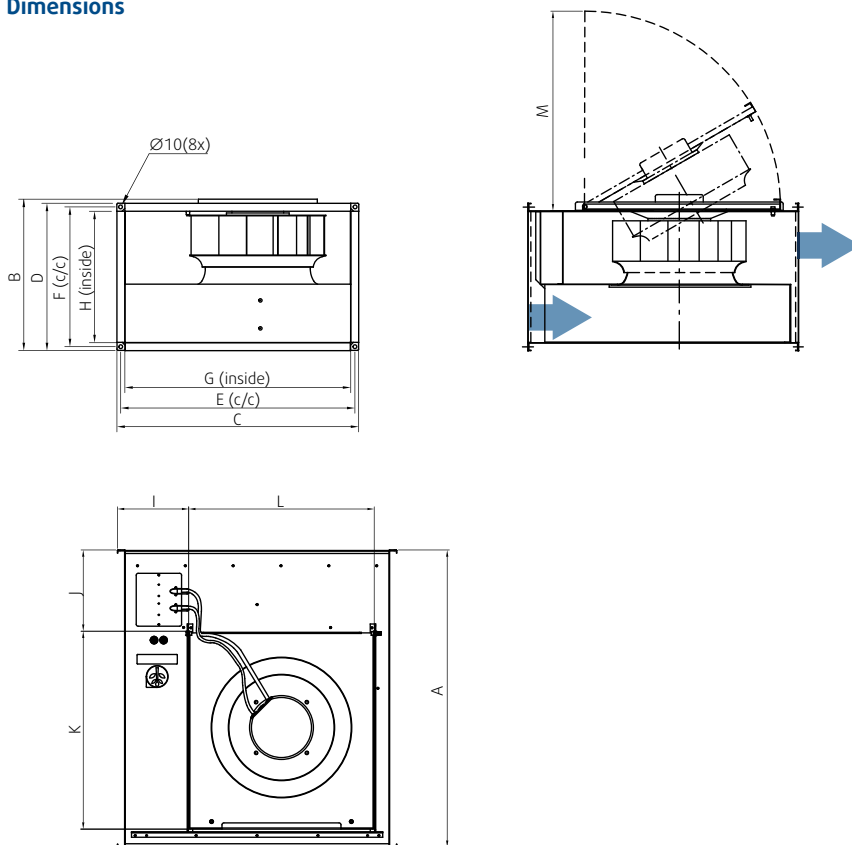


Technical data

Smaller sizes coming soon!

RS		70-40 EC	80-50 EC	100-50 EC
Art. no.		17824	17825	17826
Voltage/Frequency	V/50 Hz	230 1~	400 3~	400 3~
Power	W	605	2144	2724
Current	A	2.75	3.27	4.15
Max. air flow	m³/s	1.34	2.72	3.27
R.p.m.	min⁻¹	1403	1509	1400
Max. temp. of transported air	°C	60	60	40
Sound pressure level at 3 m	dB(A)	60	66	68
Weight	kg	37	68.1	92.2
Insulation class, motor		F	F	F
Enclosure class, motor		IP 54	IP 54	IP 54
Motor protection		Integral	Integral	Integral
Wiring diagram p. 442-461		58	59	59

Dimensions



RS	A	B	C	D	E	F	G	H	I	J	K	L	M
70-40EC	787	465	740	440	720	420	698	398	189	215	524	491	518
80-50EC	882	580	840	541	820	520	798	498	182.5	191	644	614	638
100-50EC	982	580	1040	540	1020	520	998	498	287	260	684	634	678

Ventilation accessories



DS p. 399



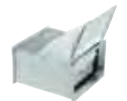
VK p. 412



GFL p. 399



LDR p. 400



FFK p. 401



RB p. 402



VBR p. 406

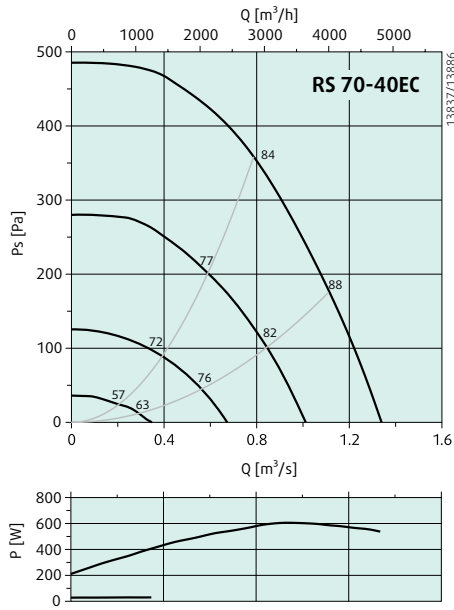


DXRE p. 405



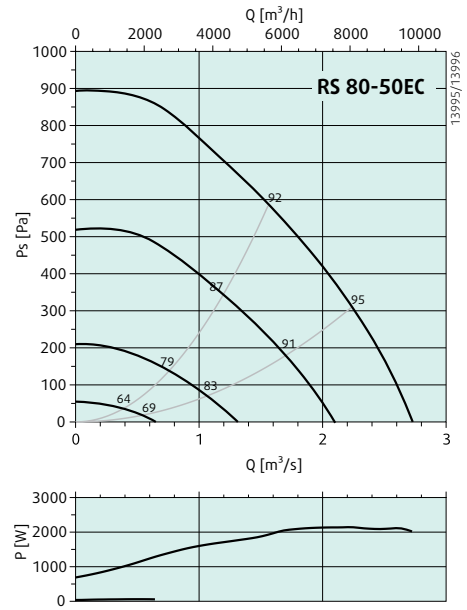
PGK p. 404

Performance



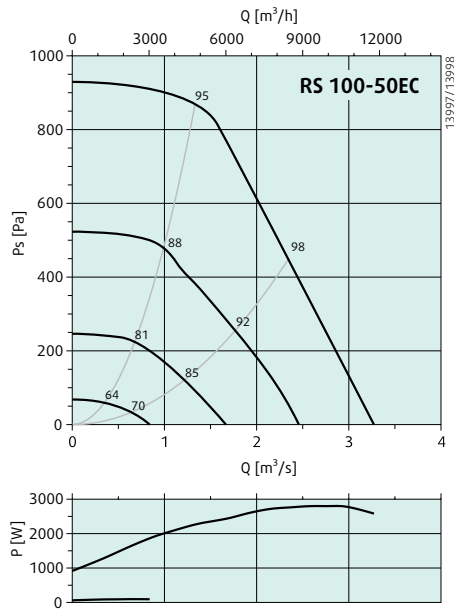
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	78	59	67	73	73	69	67	61	52
L _{WA} Outlet	83	58	68	79	77	76	73	66	57
L _{WA} Surrounding	67	45	60	65	60	56	54	47	37

Measurement point: 0.802 m³/s @ 336 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	87	72	79	79	84	79	78	72	64
L _{WA} Outlet	93	72	81	88	87	87	82	76	67
L _{WA} Surrounding	73	53	67	66	69	65	64	56	46

Measurement point: 1.36 m³/s @ 629 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	88	75	82	78	82	79	79	74	66
L _{WA} Outlet	93	78	84	87	86	87	83	77	69
L _{WA} Surrounding	75	59	71	67	68	66	66	58	52

Measurement point: 1.31 m³/s @ 876 Pa