

SBC-3 355 EEC (SBC3355EC)

GENERAL DATA



CENTRIFUGAL FAN IN LOW PROFILE BOX WITH CIRCULAR FLANGES, WITH EXTERNAL ROTOR EC MOTOR

MANUFACTURING FEATURES

Inline ventilation box made of galvanized steel with circular connection flanges. Self-cleaning impeller with back curved (backward) blades of high performance and single inlet, direct driven. Dynamically balanced to minimize noise and vibrations. Polyamide reinforced impeller for models 125, 150 and 160 and aluminum plate for the rest. High efficiency (IE4 for three phase motors and IE5 for single motors), low noise external rotor EC motor. Speed control through a 0-10V or PWM signal. Single-phase 230V 50/60Hz power supply for models 125 to 355 and three-phase 400V 50 / 60Hz for sizes 400 to 560. IP44 motor and class B insulation.

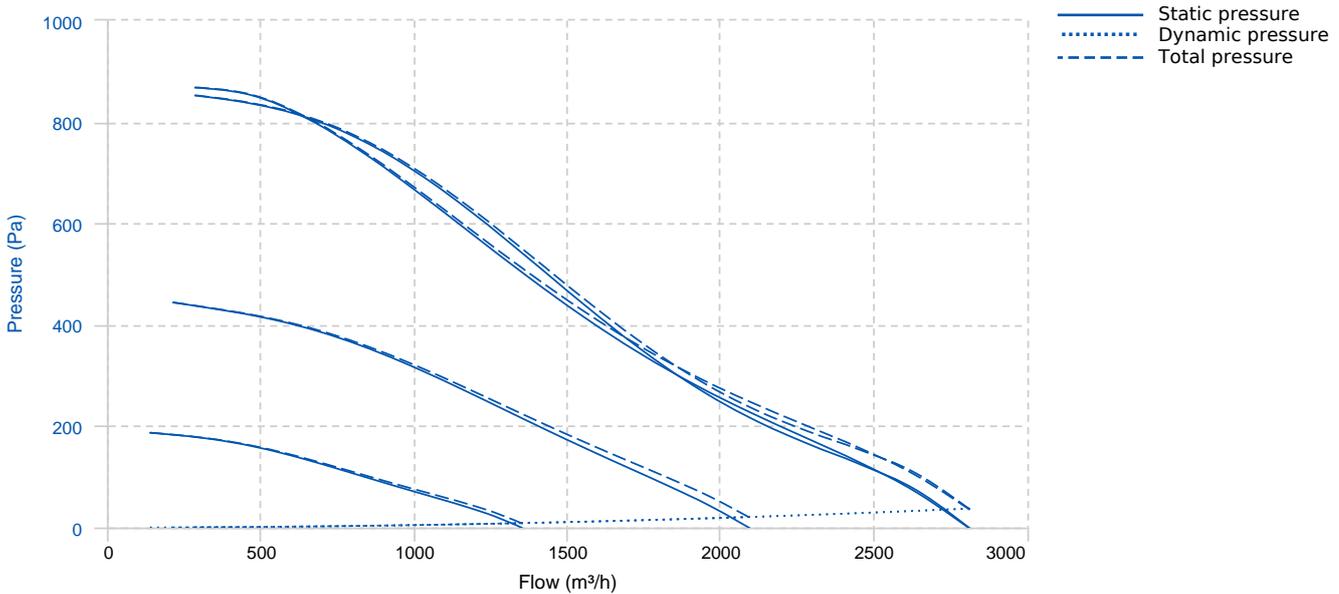
APPLICATIONS

Designed for duct installation, they are indicated for:

- Air renovations in bathrooms and small rooms.
- Perfect for false ceiling installation.

Working temperature range from -20°C to 60°C.

PERFORMANCE CURVE

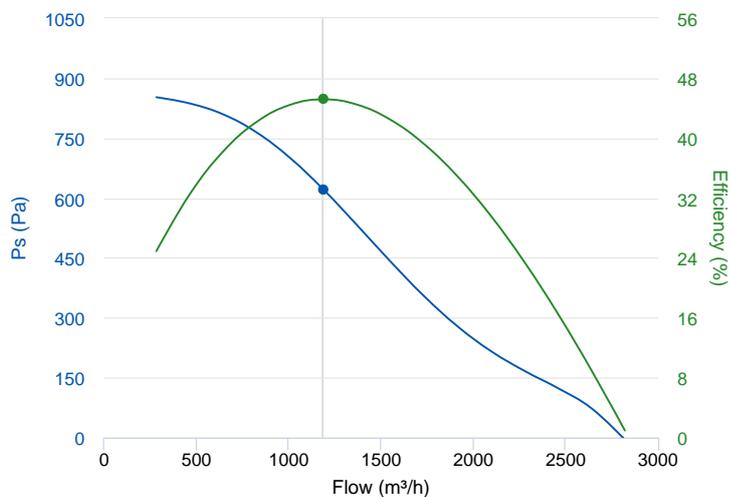


TECHNICAL DATA

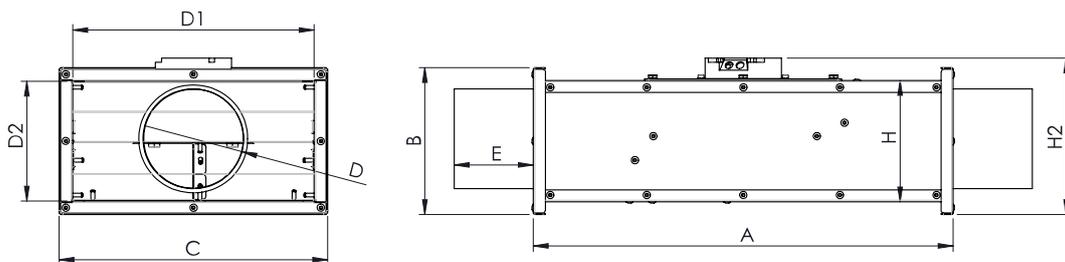
Fan							
RPM	2350	Approx. weight	25.5 kg	Max. Flow	2820 m³/h		
Motor							
Power	0,36 kW	RPM	2350	I max. (230V)	1,7 A	Approx. weight	5 kg

ERP DATA

Fan data sheet		
Fan type	Unit for non-residential ventilation (LOT 6)	
Typology	Static	
reports.other	Outlet and Inlet free discharge	
Type of driver	None	
Motor power (kW)	0.36	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	45.17	37
Effic. Heat recovery (%)	-	
Pabs (kW)	0.446	
Flow (m³/h)	1187.23	
Static pressure (Pa)	621.36	
Speed (m/s)	3.33	
SFP (W/m3/s)	1353.26	



DIMENSIONS



Dimensions (mm)									
A	902	B	434	C	634	D	355	D1	600
D2	400	E	98	H	405	H2	463		

WIRING DIAGRAM

Nº	Signal Señal	Colour Color	Specification Especificación
1	L	Brown Marrón	AC 220V-50/60 Hz
2	N	Blue Azul	AC 220V-50/60 Hz
3	Pe	Yellow-Green Amarillo-Verde	

Nº	Signal Señal	Colour Color	Specification Especificación
1	GND	Blue Azul	
2	Vsp	Yellow Amarillo	0-10 V/PWM
3	Vcc	Red Rojo	DC 10V
4	FG	White Blanco	12 Pulse/R

ACCESSORIES



**SAFETY SWITCH
INT 25 3P A**
REF: INT253PA



**SPEED CONTROLLER FOR EEC MOTOR
REGC**
REF: FX263300



**CIRCULAR OUTDOOR FLANGE WITH BIRD GUARD
VISC Ø355**
REF: FX0050066

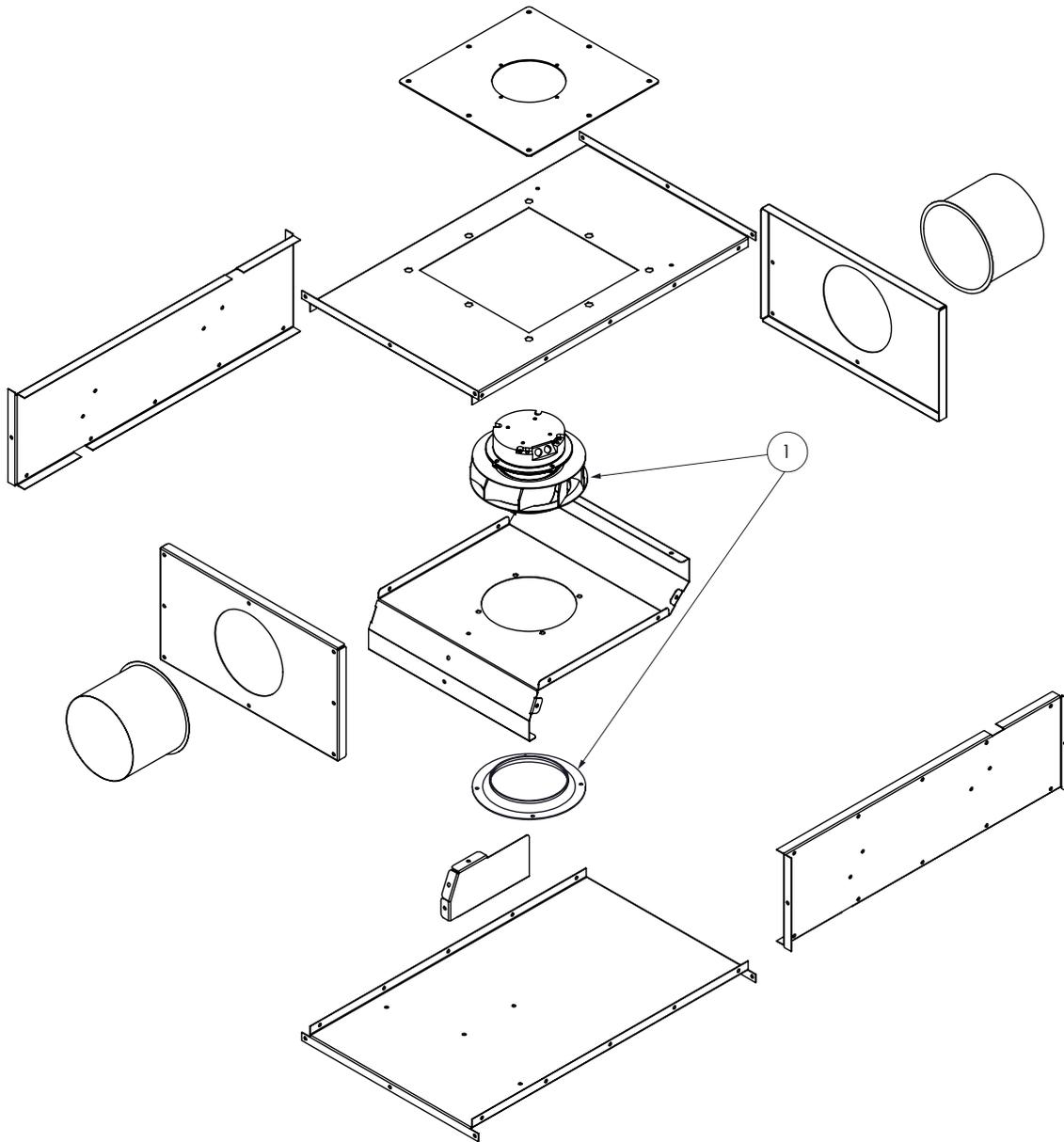


**WEATHER PROTECTIVE ROOF FOR SB-3 EEC &
SBC-3 EEC & VARIANTS**
TEJ SB-3 6040
REF: TEJSB36040



**SPEED CONTROLLER WITH SAFETY SWITCH FOR
EEC MOTOR**
PMR 25A
REF: PMREEC

SPARE PARTS



	Code	Model	Qty
1	R-241353017	MOTOR-FAN+INLET CONE Ø315 230V 50/60Hz	x1