

# SB-3 8060 EEC (240450242)

## GENERAL DATA



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

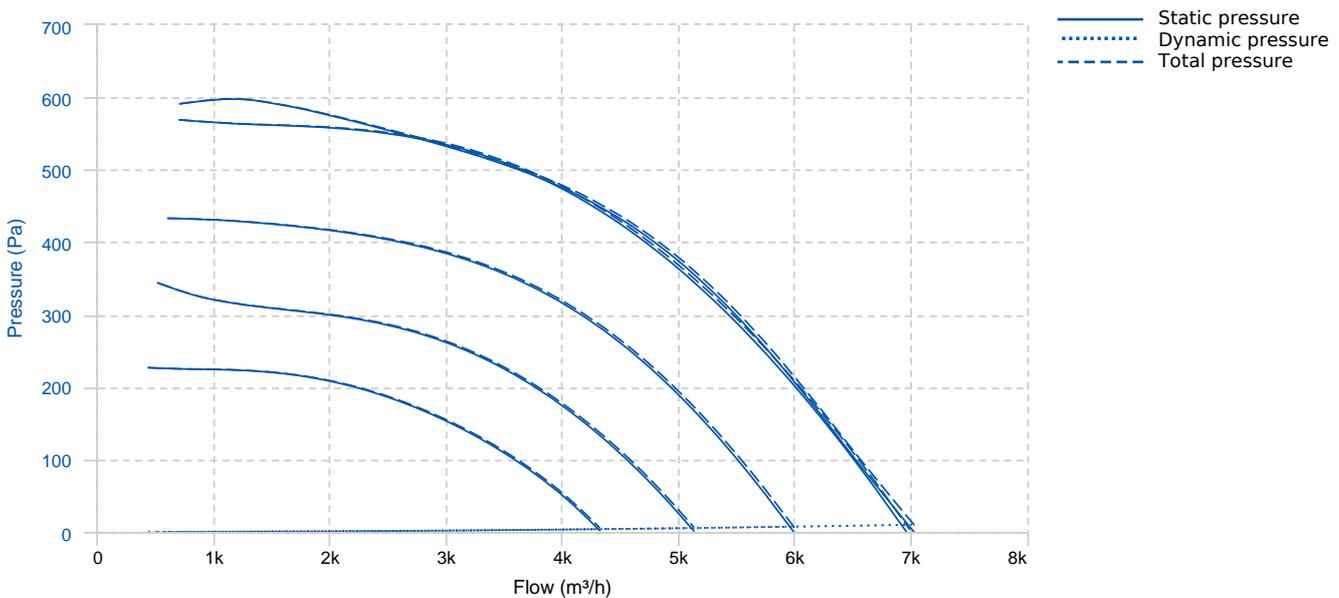
#### MANUFACTURING FEATURES

Inline ventilation box made of galvanized steel with rectangular connection flanges. Self-cleaning impeller with back curved (backward) blades of high performance and single inlet, direct driven. Dynamically balanced to minimize noise and vibration. Polyamide reinforced impeller for models 3015 and 4020 and aluminum plate for the rest. High efficiency, low noise external rotor EC motor. Speed control through a 0-10V or PWM signal. Single-phase 230V 50/60Hz power supply for models 3015 to 6040 and three-phase 400V 50/60Hz for sizes 7050 and 8060. 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

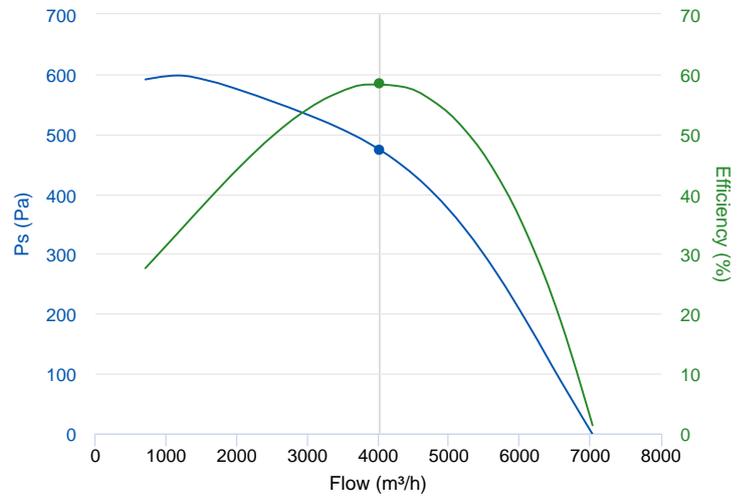


## TECHNICAL DATA

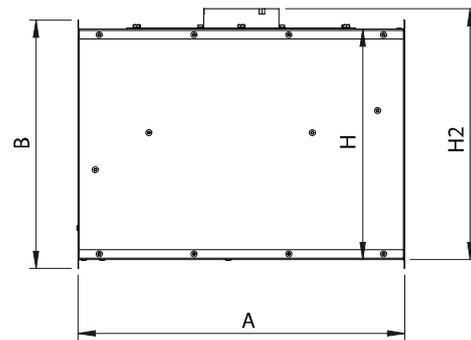
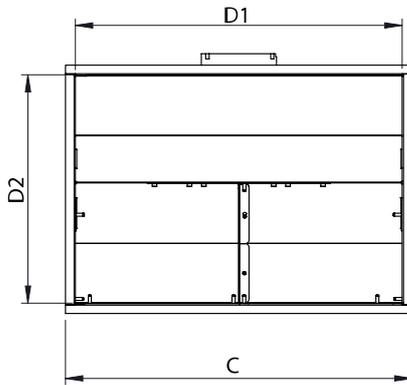
Fan							
RPM	1450	Approx. weight	42 kg	Max. Flow	7030 m³/h		
Motor							
Power	1.006 kW	RPM	1450	I max. (400V)	1,67 A	Approx. weight	12 kg

## 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)	1.006	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	58.37	41.61
Effic. Heat recovery (%)	-	
Pabs (kW)	0.939	
Flow (m³/h)	4018.32	
Static pressure (Pa)	473.91	
Speed (m/s)	2.33	
SFP (W/m3/s)	841.14	



## DIMENSIONS



### Dimensions (mm)

A	910	B	631	C	830	D1	800	D2	601
H	606	H2	661						

## WIRING DIAGRAM

Nº	Signal Señal	Colour Color	Specification Especificación
1	L1	Black Negro	AC380V-50/60Hz
2	L2	Black Negro	AC380V-50/60Hz
3	L3	Black Negro	AC380V-50/60Hz
4	Pe	Yellow-Green Amarillo-Verde	

Nº	Signal Señal	Colour Color	Specification Especificación
1	Vcc	Red Rojo	DC10V
2	Vsp	Yellow Amarillo	0-10VDC/PWM
3	GND	Blue Azul	
4	FG	White Blanco	12 Pulse/R

## ACCESSORIES



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



**WEATHER PROTECTIVE ROOF FOR SB-3 EEC & SBC-3 EEC & VARIANTS  
TEJ SB-3 8060  
REF: TEJSB38060**



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



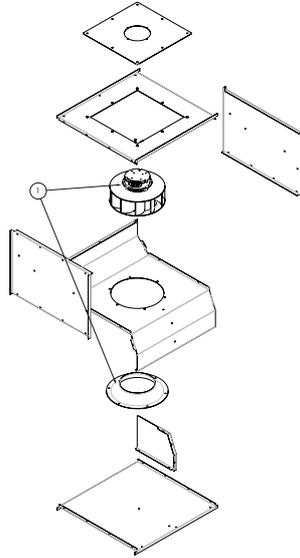
**SPEED CONTROLLER FOR EEC MOTOR  
REGC  
REF: FX263300**



**OUTDOOR FLANGE WITH BIRD GUARD FOR SB-3 EEC  
VIS SB-3 8060  
REF: VISSB3F8060**



**SPARE PARTS**



	Code	Model	Qty
1	R-241453017	MOTOR-FAN+INLET CONE Ø450 400V 50/60Hz	x1