

CA IL ES G4 FTR 7050

GENERAL DATA



CENTRIFUGAL FAN IN LOW PROFILE BOX WITH RECTANGULAR FLANGES AND FILTER(S), WITH EXTERNAL ROTOR EC MOTOR

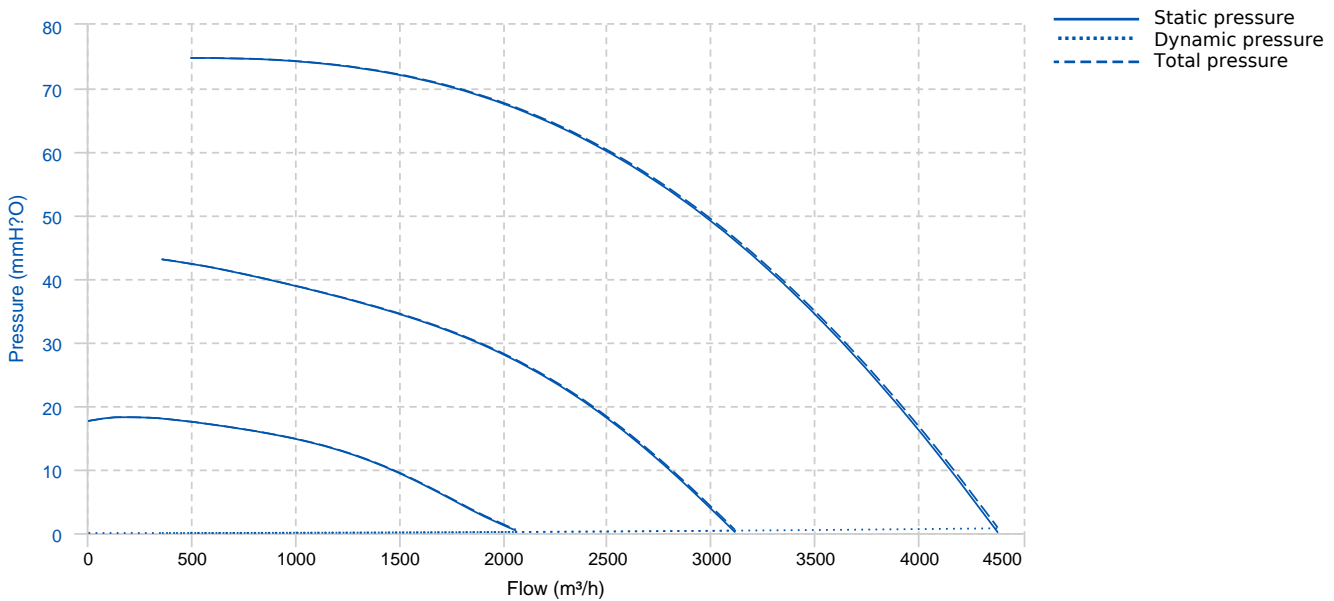
MANUFACTURING FEATURES

Inline ventilation box made of galvanized steel with rectangular connection flanges. Self-cleaning impeller with back curved (reaction) blades of high performance and single inlet, direct drive. 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. Supplied with a filtration stage ISO COARSE 65% (G4) or 2 stages ISO COARSE 65% (G4) and ISO ePM1 65% (F7). Easily accessible inspection and cleaning register.

APPLICATIONS

Designed for installation in ducts, they are indicated for:
 -Air renovations in bathrooms and small rooms.
 -Perfect for false ceiling mounting.
 Working temperature range from -20°C to 60°C

PERFORMANCE CURVE



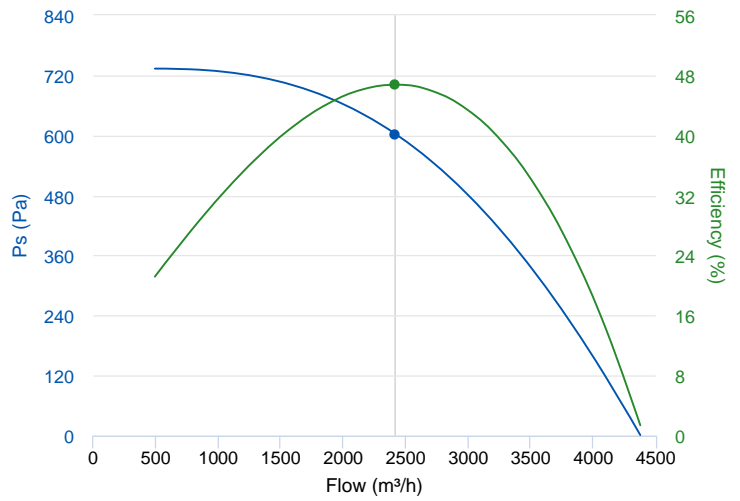
TECHNICAL DATA

Fan							
RPM	2100	Approx. weight	39 kg	Max. Flow	4905 m³/h		
Motor							
Power	0.99 kW	RPM	2100	I max. (400V)	1,63 A	Approx. weight	10.5 kg

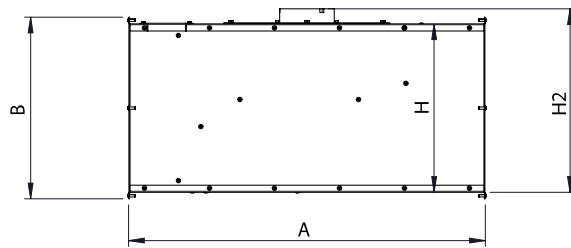
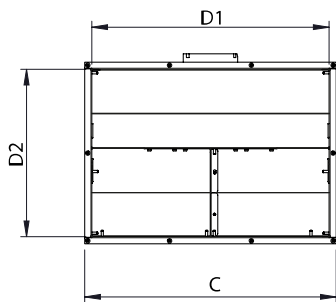
ERP DATA

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)	0.99	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	46.74	41.26
Effic. Heat recovery (%)	-	
Pabs (kW)	0.887	
Flow (m³/h)	2417.22	
Static pressure (Pa)	602.83	
Speed (m/s)	1.92	
SFP (W/m3/s)	1321.2	




DIMENSIONS




Dimensions (mm)

A	1050	B	530	C	730	D1	700	D2	500
H	505	H2	574						

WIRING DIAGRAM

Nº	Signal Señal	Colour Color	Specification Especificación
1	L1	Black Negro	AC380V/50Hz
2	L2	Black Negro	AC380V/50Hz
3	L3	Black Negro	AC380V/50Hz
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	1 Pulse/R

ACCESSORIES



SAFETY SWITCH
SWT 25 3P
REF: 21673