

INSULATED DUCT FAN WITH RECTANGULAR CONNECTIONS

IRB 600x350 E3 EC

7890242

IRB 600X350 E3 EC-y1

- Insulated duct fan.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design prioritise functionality, durability and longevity.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.



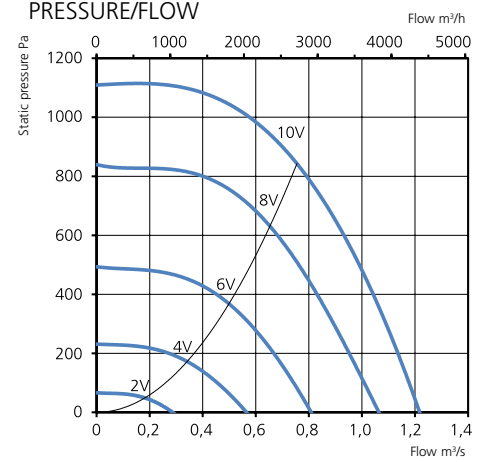
ACCESSORIES

- Mounting bracket Kit Universal
- Silencer LDR 600x350
- Flexible connection 600x350
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

TECHNICAL DATA

Voltage	400 V
Frequency	50/60 Hz
Phase	3 ~
Current	1.98 A
Power	1270 W
Speed	2510 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	59 dB(A)
Weight	43.8 kg
Enclosure class	44 IP
Wiring diagram	4040217

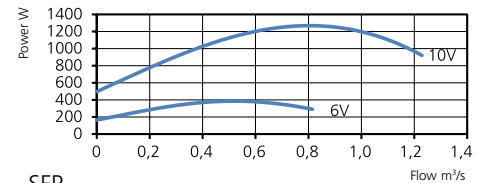
PRESSURE/FLOW



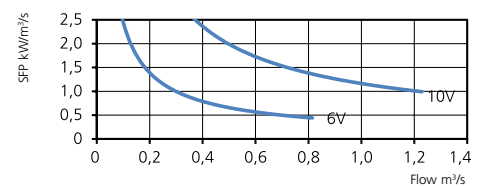
SOUND DATA

	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	66	56	57	64	57	57	51	45	41
Outlet 10 V	87	60	69	80	76	82	81	76	68
Inlet 10 V	77	61	68	71	68	67	69	67	60
Inlet 8 V	74	57	65	70	64	63	66	63	56
Inlet 6 V	69	50	62	67	55	56	59	55	49
Inlet 4 V	62	43	61	55	45	48	48	45	36
Inlet 2 V	46	40	42	40	32	35	34	32	25

POWER/FLOW



SFP



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DIMENSIONS

