

INSULATED DUCT FAN WITH RECTANGULAR CONNECTIONS

IRB 1000x500 F3 EC

7890271

IRB 1000X500 F3 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.



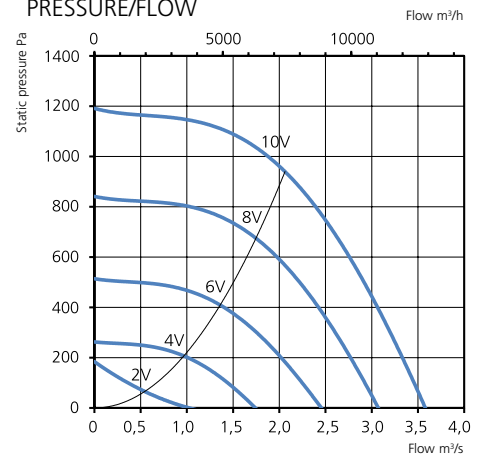
ACCESSORIES

- Flexible connection 1000x500
- Silencer LDR 1000x500
- Pressure regulator CALAIR-PR-230V
- Speed controller MS EC
- Pressure regulator FKP-R
- Controller IQ-Reg EC

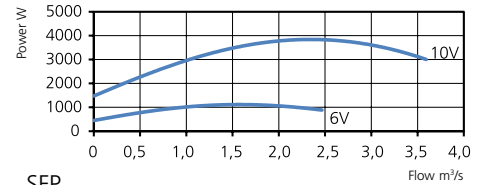
TECHNICAL DATA

Voltage	400 V
Frequency	50/60 Hz
Phase	3 ~
Current	6.0 A
Power	3880 W
Speed	1640 r.p.m.
Max. temp of transported air	45 °C
Sound pressure level, 3 m	64 dB(A)
Weight	117.0 kg
Enclosure class	54 IP
Wiring diagram	4040217

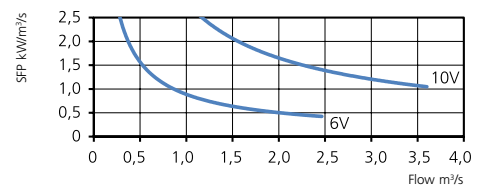
PRESSURE/FLOW



POWER/FLOW



SFP



SOUND DATA

	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	71	61	65	68	59	58	51	47	44
Outlet 10 V	90	66	75	81	83	86	81	77	68
Inlet 10 V	77	65	69	72	69	67	66	63	59
Inlet 8 V	73	61	67	69	65	62	60	58	53
Inlet 6 V	67	54	64	60	55	54	53	51	47
Inlet 4 V	60	49	59	51	45	46	44	42	39
Inlet 2 V	47	41	42	38	40	33	30	27	22

MORE INFORMATION



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DIMENSIONS

