

INSULATED DUCT FAN WITH RECTANGULAR CONNECTIONS

IRB 500x250 D1 EC

7880135

IRB 500X250 D1 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.



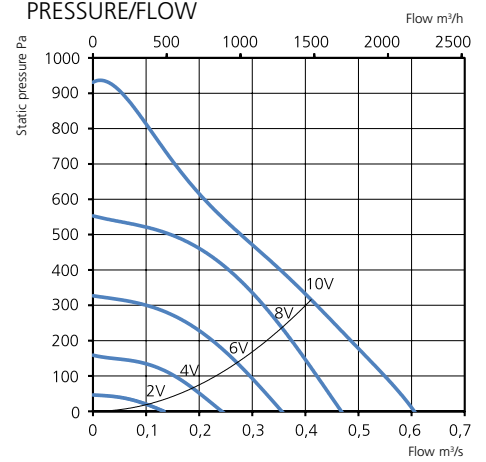
ACCESSORIES

- Mounting bracket Kit Universal
- Silencer LDR 500x250
- Flexible connection 500x250
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

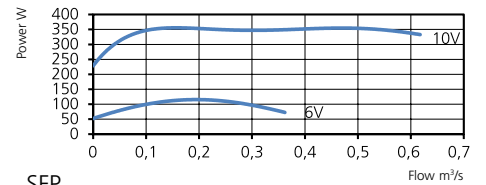
TECHNICAL DATA

Voltage	230 V
Frequency	50/60 Hz
Phase	1 ~
Current	2.71 A
Power	354 W
Speed	2850 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	49 dB(A)
Weight	26.8 kg
Enclosure class	44 IP
Wiring diagram	4040153

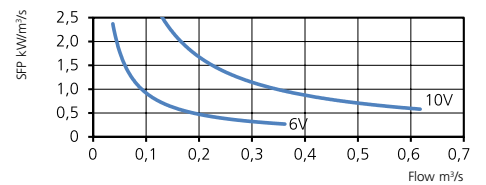
PRESSURE/FLOW



POWER/FLOW



SFP



SOUND DATA

	L _{WA} tot dB (A)	Flow (m³/s)							
		63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	56	42	47	49	52	45	43	37	34
Outlet 10 V	82	57	62	67	76	77	77	71	66
Inlet 10 V	67	53	59	61	61	56	57	58	52
Inlet 8 V	65	52	57	59	60	54	55	56	49
Inlet 6 V	60	47	51	58	50	46	48	49	42
Inlet 4 V	57	44	44	56	40	37	38	39	29
Inlet 2 V	40	27	37	36	24	20	20	17	10

MORE INFORMATION



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DIMENSIONS

