

INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

IRB 250 D1 EC

7880138

IRB 250 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.



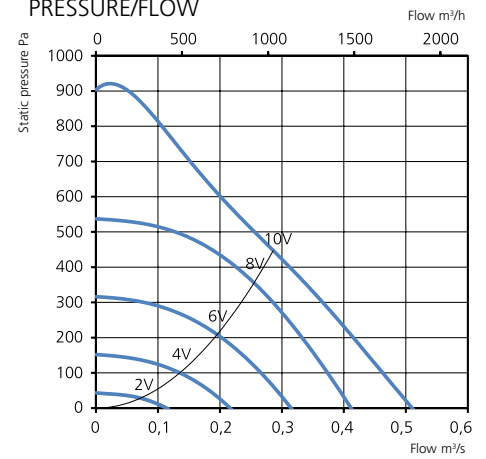
ACCESSORIES

- Mounting bracket Kit Universal
- Mounting clamp MK 250
- Safety grille BSV 250
- Back draught shutter RSK 250
- Louvre shutter VK 250
- Silencer LDC 250
- Filterbox FLF 250
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- Louvre YG 250
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

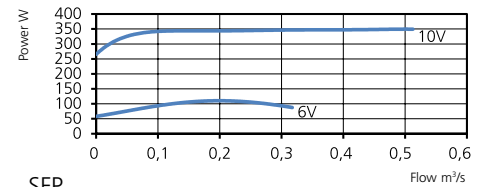
TECHNICAL DATA

Voltage	230 V
Frequency	50/60 Hz
Phase	1 ~
Current	2.70 A
Power	352 W
Speed	2770 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	49 dB(A)
Weight	25.3 kg
Enclosure class	44 IP
Wiring diagram	4040153

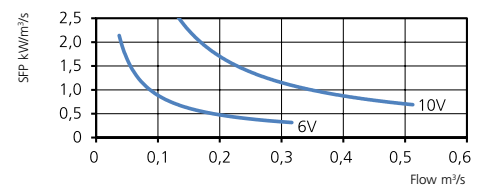
PRESSURE/FLOW



POWER/FLOW



SFP



SOUND DATA

	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	56	41	45	51	52	43	41	38	33
Outlet 10 V	79	63	64	67	72	72	74	67	62
Inlet 10 V	67	60	61	62	55	52	53	52	46
Inlet 8 V	65	57	59	60	55	50	50	48	43
Inlet 6 V	59	52	52	56	44	44	43	41	35
Inlet 4 V	54	44	46	53	35	35	32	30	23
Inlet 2 V	38	31	34	33	21	16	15	13	10

MORE INFORMATION



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DIMENSIONS

