

INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

IRB 250 A1 EC

7880136

IRB 250 A1 EC-y3

- 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.



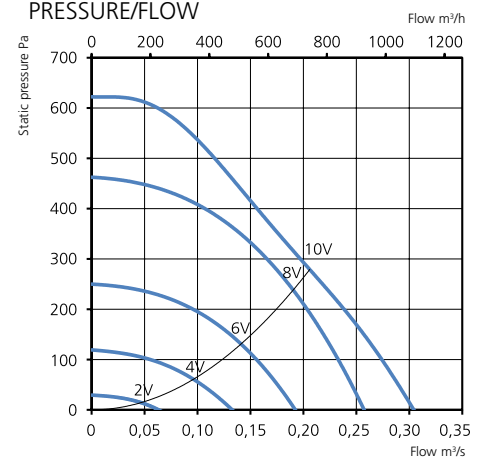
ACCESSORIES

- 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

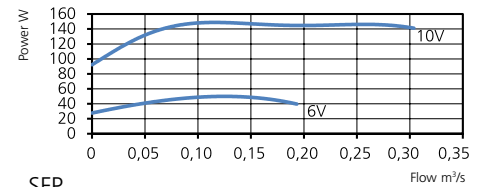
TECHNICAL DATA

Voltage	230 V
Frequency	50/60 Hz
Phase	1 ~
Current	1.18 A
Power	147 W
Speed	2790 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	43 dB(A)
Weight	24.2 kg
Enclosure class	44 IP
Wiring diagram	4040153

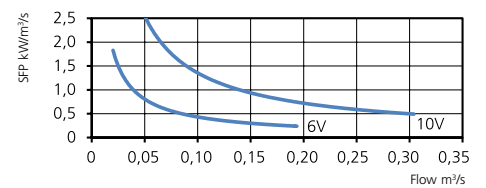
PRESSURE/FLOW



POWER/FLOW



SFP



SOUND DATA

	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	50	32	39	48	43	37	34	32	27
Outlet 10 V	71	57	58	67	60	62	65	59	47
Inlet 10 V	61	56	54	56	46	50	49	47	38
Inlet 8 V	60	52	52	57	44	47	48	44	37
Inlet 6 V	58	46	47	57	37	41	39	33	29
Inlet 4 V	47	38	44	42	29	30	28	21	13
Inlet 2 V	32	29	26	25	20	14	12	12	10

MORE INFORMATION



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DIMENSIONS

