

INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

IRB 400 B1 EC

7890248

IRB 400 B1 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.



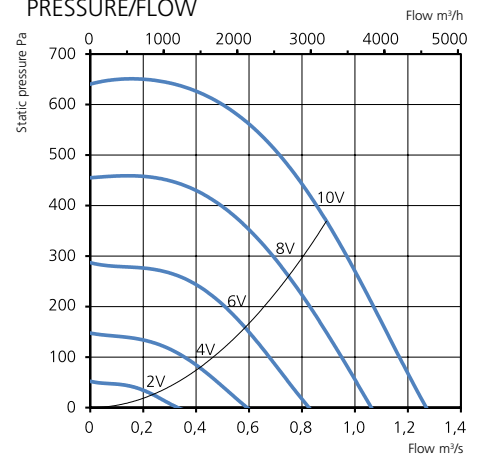
ACCESSORIES

- Mounting clamp MK 400
- Safety grille BSV 400
- Back draught shutter RSK 400
- Louvre shutter VK 400
- Filterbox FLF 400
- Filterbox FLK 400
- 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	3.49 A
Power	798 W
Speed	1510 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	59 dB(A)
Weight	55.2 kg
Enclosure class	44 IP
Wiring diagram	4040153

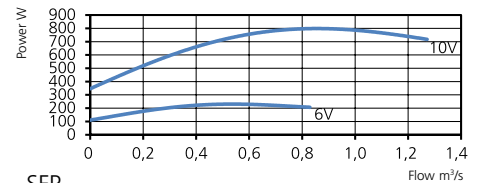
PRESSURE/FLOW



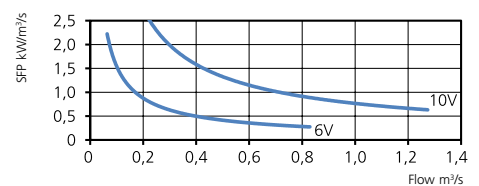
SOUND DATA

	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	65	50	57	65	48	44	38	34	31
Outlet 10 V	83	69	74	80	71	75	68	63	56
Inlet 10 V	76	68	70	73	64	58	53	49	44
Inlet 8 V	73	64	69	69	60	52	48	44	40
Inlet 6 V	67	58	65	59	50	43	40	36	33
Inlet 4 V	62	51	61	50	35	36	31	27	26
Inlet 2 V	47	46	40	34	25	26	17	14	13

POWER/FLOW



SFP



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DIMENSIONS

