

INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

IRB 355 A1 EC

7890243

IRB 355 A1 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.



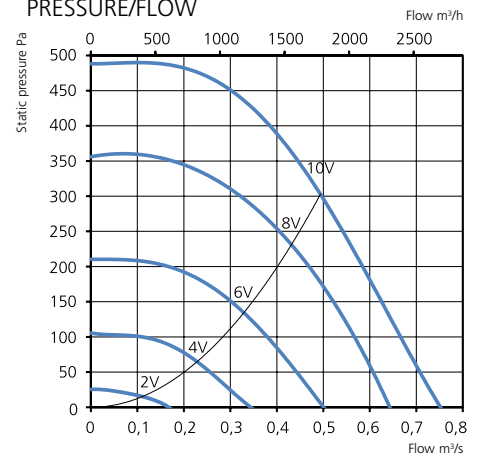
ACCESSORIES

- Mounting bracket Kit Universal
- Mounting clamp MK 355
- Safety grille BSV 355
- Back draught shutter RSK 355
- Louvre shutter VK 355
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

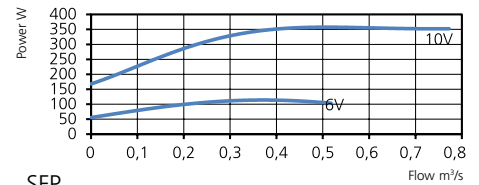
TECHNICAL DATA

Voltage	230 V
Frequency	50/60 Hz
Phase	1 ~
Current	1.56 A
Power	357 W
Speed	1630 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	54 dB(A)
Weight	39.3 kg
Enclosure class	44 IP
Wiring diagram	4040153

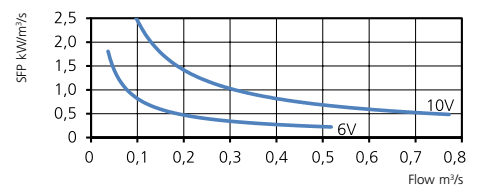
PRESSURE/FLOW



POWER/FLOW



SFP



SOUND DATA

	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	61	43	48	61	44	42	35	28	26
Outlet 10 V	79	61	68	77	67	70	67	60	53
Inlet 10 V	72	60	65	70	50	48	49	45	41
Inlet 8 V	70	57	64	68	46	45	45	41	37
Inlet 6 V	63	50	61	56	38	38	37	33	30
Inlet 4 V	56	44	55	45	29	26	24	21	16
Inlet 2 V	38	36	30	27	17	20	10	14	10

MORE INFORMATION



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DIMENSIONS

