

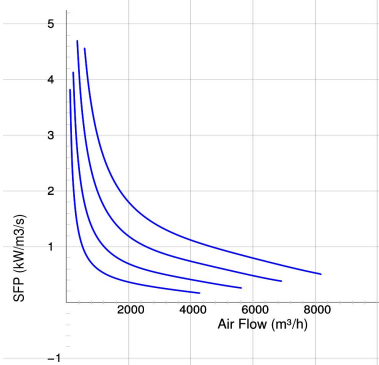
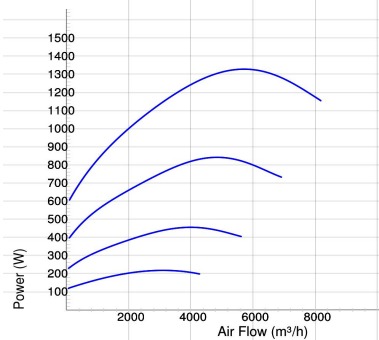
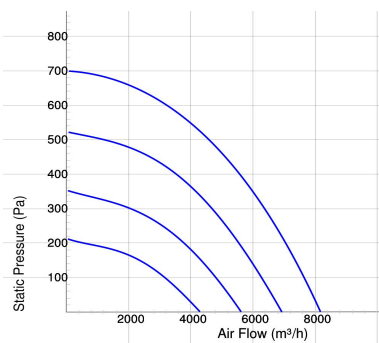
IRB 500 B3 EC

IRB EC Circular

- Insulated duct fan with circular connections.
- 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 priorities 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.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

Accessories

- Pressure regulator CALAIR-PR-230V
- Speed controller MS EC
- Pressure regulator FKP-R
- MK 500
- BSV 500
- RSK 500
- VK 500



Voltage steps

1	2	3	4
5.5V	7V	8.5V	10V

TECHNICAL DATA

7890043 IRB 500 B3 EC	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1330 W
Current	2.09 A
Speed	1230 r.p.m.
Max. temperature of transported air	40 °C
Sound pressure level at 3 m	63 dB(A)
Weight	99.3 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500 mm
Max. flow	8172 m³/h
Max. pressure	701 Pa
Voltage range	380-480 V

SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	5839	70	52	70	56	46	41	37	36	32
4. Outlet Lw dB(A) 10V	5839	79	67	78	68	65	65	61	58	60
4. Inlet Lw dB(A) 10V	5839	71	60	70	60	55	51	47	43	44
3. Inlet Lw dB(A) 8.5V	5047	68	58	67	56	50	46	43	39	41
2. Inlet Lw dB(A) 7V	3970	63	58	61	51	42	40	37	36	35
1. Inlet Lw dB(A) 5.5V	3092	58	56	52	44	33	33	29	32	29

DIMENSIONS

