



IRB 125 B1 EC

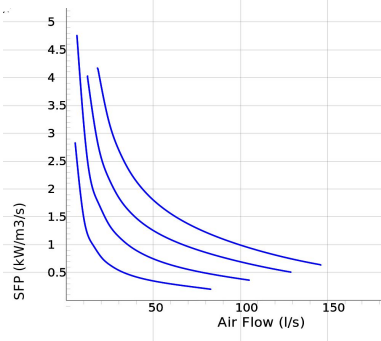
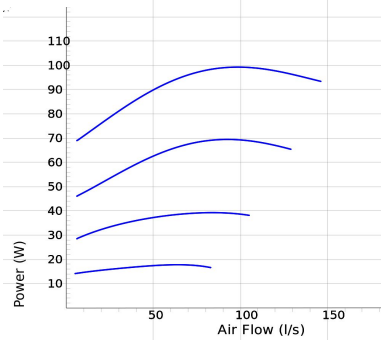
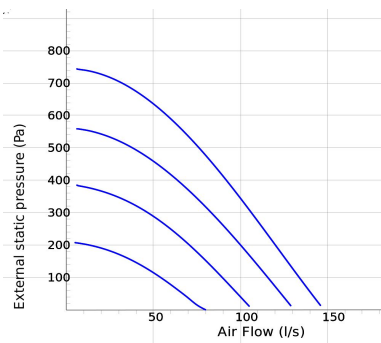


IRB EC Circular

- 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.
- A duct connected fan can be installed outside or in damp environments.

Accessories

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- MK 125
- BSV 125
- RSK 125
- YG 125
- VK 125
- FLK 125
- FLF 125
- LDC 125



Voltage steps

1	2	3	4
5V	7V	8V	10V

TECHNICAL DATA

7890207 IRB 125 B1 EC-v1	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	99 W
Current	0.81 A
Speed	3560 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	44 dB(A)
Weight	11.4 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	125 mm
Max. flow	148 l/s
Max. pressure	746 Pa
Voltage range	220-240 V

SOUND DATA

	Flow (l/s)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	91	51	41	41	44	49	38	36	35	29
4. Outlet Lw dB(A) 10V	91	82	60	64	68	80	74	72	66	59
4. Inlet Lw dB(A) 10V	91	61	49	58	54	55	47	48	45	36
3. Inlet Lw dB(A) 8V	80	60	50	56	52	55	43	45	41	32
2. Inlet Lw dB(A) 7V	66	56	45	52	51	41	38	41	36	25
1. Inlet Lw dB(A) 5V	46	53	39	46	52	34	30	32	26	14

DIMENSIONS

