



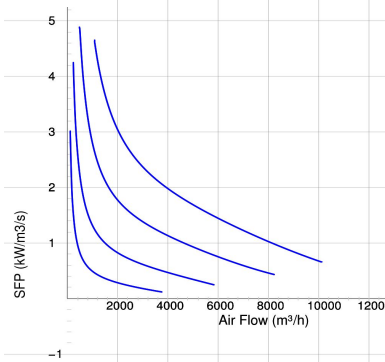
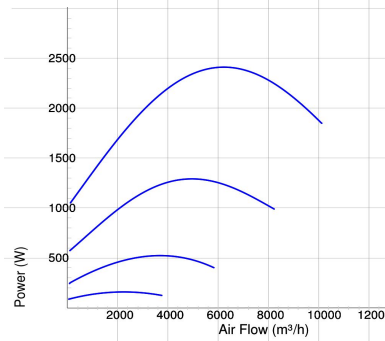
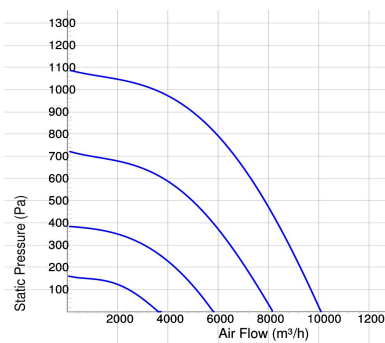
IRB 800x500 E3 EC

IRB EC Rectangular

- Insulated duct fan with rectangular 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.
- 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
- Dukstos 800x500



Voltage steps

1	2	3	4
4V	6V	8V	10V

TECHNICAL DATA

7890031 IRB 800x500 E3 EC	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	2420 W
Current	3.68 A
Speed	1800 r.p.m.
Max. temperature of transported air	60 °C
Weight	89.4 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	800x500 mm
Max. flow	10094 m³/h
Max. pressure	1082 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	7913	71	57	69	63	59	58	57	54	51
4. Outlet Lw dB(A) 10V	7913	90	72	82	87	81	82	75	73	73
4. Inlet Lw dB(A) 10V	7913	81	67	76	78	69	65	62	57	59
3. Inlet Lw dB(A) 8V	6318	78	63	78	66	60	59	55	51	52
2. Inlet Lw dB(A) 6V	4532	71	57	71	57	50	49	47	46	44
1. Inlet Lw dB(A) 4V	2826	57	54	54	45	37	41	37	37	25

DIMENSIONS

