

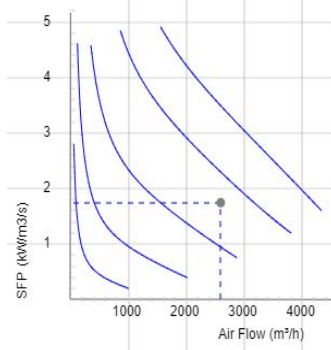
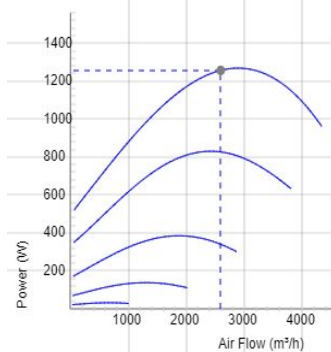
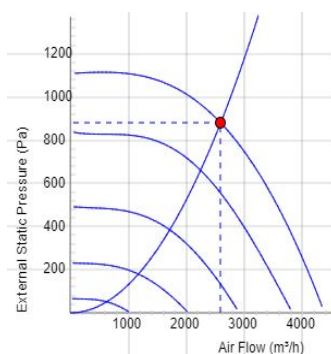


IRB 600x350 E3 EC

- 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

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- IMB Universal
- LDR 600x350
- Dukstos 600x350


Voltage steps

1	2	3	4	5
2V	4V	6V	8V	10V

TECHNICAL DATA

Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1270 W
Current	1.98 A
Speed	2510 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	59 dB(A)
Weight	43.8 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	600x350 mm
Max. flow @ 0Pa	4381.2122673943 m³/h
Max. pressure	1122 Pa
Voltage range	380-480 V

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IRB 600x350 E3 EC-y1
SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	2718	66	56	57	64	57	57	51	45	41
5. Outlet Lw dB(A) 10V	2718	87	60	69	80	76	82	81	76	68
5. Inlet Lw dB(A) 10V	2718	77	61	68	71	68	67	69	67	60
4. Inlet Lw dB(A) 8V	2297	74	57	65	70	64	63	66	63	56
3. Inlet Lw dB(A) 6V	1782	69	50	62	67	55	56	59	55	49
2. Inlet Lw dB(A) 4V	1163	62	43	61	55	45	48	48	45	36
1. Inlet Lw dB(A) 2V	659	46	40	42	40	32	35	34	32	25

DIMENSIONS
