

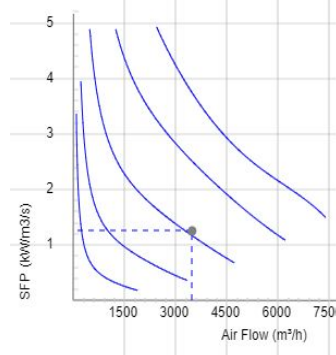
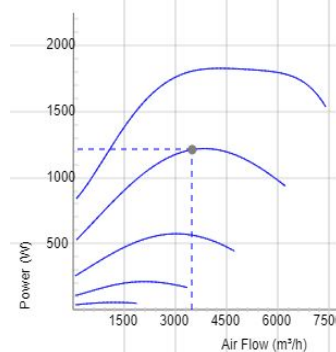
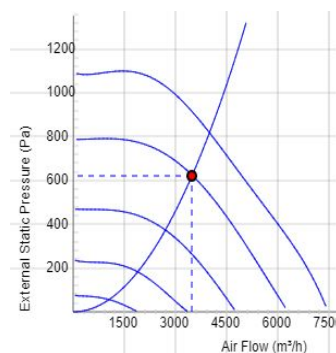


IRB 700x400 D3 EC

- 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
- LDR 700x400
- Duktos 700x400


Voltage steps

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

TECHNICAL DATA

Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1810 W
Current	2.81 A
Speed	1940 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	62 dB(A)
Weight	57.2 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	700x400 mm
Max. flow @ 0Pa	7459.2208858185 m³/h
Max. pressure	1098 Pa
Voltage range	380-480 V

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IRB 700x400 D3 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	4684	69	51	61	67	56	57	48	43	39
5. Outlet Lw dB(A) 10V	4684	86	62	73	80	77	82	77	72	63
5. Inlet Lw dB(A) 10V	4684	79	63	72	74	72	71	66	61	54
4. Inlet Lw dB(A) 8V	3985	77	61	70	74	69	67	62	58	51
3. Inlet Lw dB(A) 6V	3146	74	55	71	69	65	59	54	50	43
2. Inlet Lw dB(A) 4V	2149	64	50	63	57	53	46	44	40	33
1. Inlet Lw dB(A) 2V	1188	47	43	44	39	30	32	26	22	18

DIMENSIONS
