

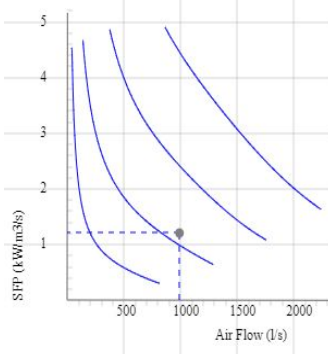
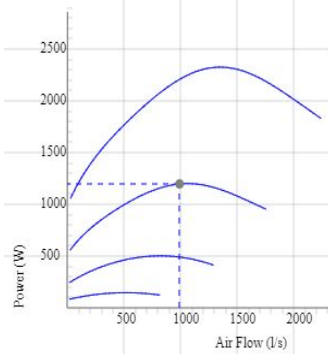
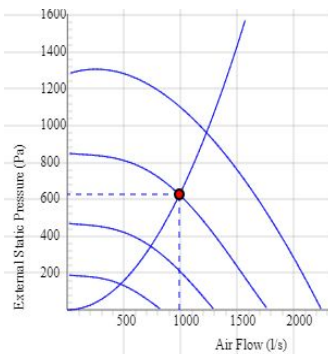


IRB 700x400 E3 EC

- 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 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

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- Dukstos 700x400
- LDR 700x400



Voltage steps

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

TECHNICAL DATA

7890029 IRB 700x400 E3 EC	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	2320 W
Current	3.58 A
Speed	2120 r.p.m.
Max. temperature of transported air	40 °C
Sound pressure level at 3 m	68 dB(A)
Weight	62.9 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	700x400 mm
Max. flow @ 0Pa	2245 l/s
Max. pressure	1320 Pa
Voltage range	380-480 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	1939	75	59	66	73	60	57	51	47	41
4. Outlet Lw dB(A) 10V	1934	91	74	81	89	82	81	75	70	68
4. Inlet Lw dB(A) 10V	1937	84	72	77	80	77	74	67	58	53
3. Inlet Lw dB(A) 8V	1485	80	67	75	75	72	69	59	51	47
2. Inlet Lw dB(A) 6V	1109	72	62	70	66	64	58	47	42	38
1. Inlet Lw dB(A) 4V	712	62	58	57	54	51	41	45	32	21

DIMENSIONS

