

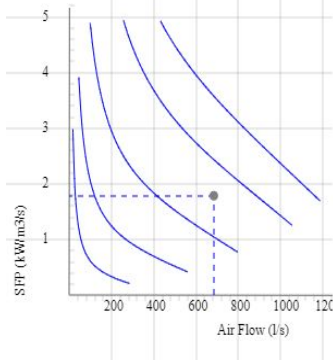
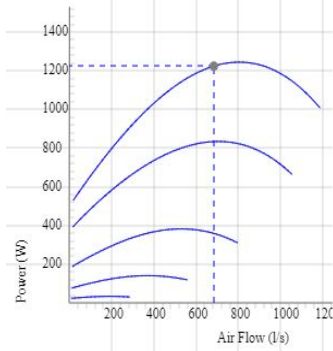
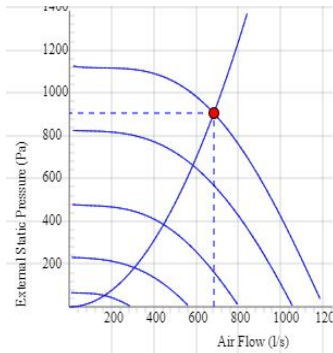


IRB 600x300 E3 EC

- 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
- MB Universal
- LDR 600x300
- Dukstos 600x300



Voltage steps

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

TECHNICAL DATA

7890236 IRB 600x300 E3 EC-y1	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1260 W
Current	1.96 A
Speed	2510 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	59 dB(A)
Weight	41.8 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	600x300 mm
Max. flow @ 0Pa	1205 l/s
Max. pressure	1133 Pa
Voltage range	380-480 V

SOUND DATA

	Flow (l/s)	L _{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	668	66	54	57	63	56	58	49	44	41
5. Outlet Lw dB(A) 10V	668	86	62	70	79	76	81	80	74	67
5. Inlet Lw dB(A) 10V	668	75	62	68	72	67	63	65	60	56
4. Inlet Lw dB(A) 8V	582	73	59	65	71	62	58	61	56	52
3. Inlet Lw dB(A) 6V	419	68	52	61	66	55	51	54	49	44
2. Inlet Lw dB(A) 4V	292	60	46	58	55	45	42	44	38	33
1. Inlet Lw dB(A) 2V	165	45	39	40	38	35	33	29	27	17

DIMENSIONS

