

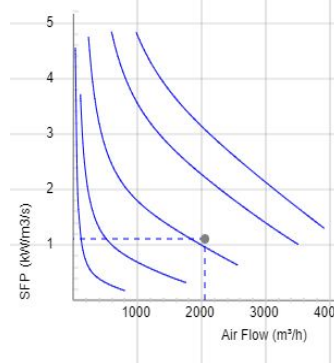
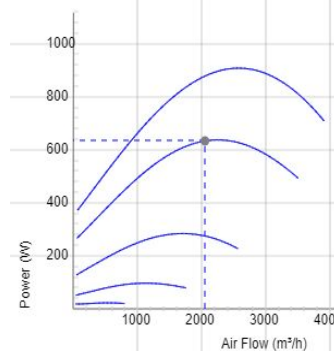
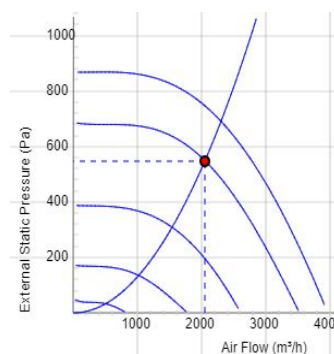


# IRB 600x350 B1 EC

- 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 600x350
- Dukstos 600x350



### Voltage steps

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

### TECHNICAL DATA

7890241 IRB 600x350 B1 EC-y1	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	905 W
Current	3.96 A
Speed	2210 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	55 dB(A)
Weight	43.8 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	600x350 mm
Max. flow @ 0Pa	3967.2111081911 m³/h
Max. pressure	876 Pa
Voltage range	200-277 V

### SOUND DATA

	Flow (m³/h)	$L_{WA}$ tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	3028	62	48	53	59	53	54	47	44	39
5. Outlet Lw dB(A) 10V	3028	84	59	68	79	74	79	77	72	64
5. Inlet Lw dB(A) 10V	3028	76	60	68	73	68	64	64	61	54
4. Inlet Lw dB(A) 8V	2621	73	57	66	70	64	59	61	58	50
3. Inlet Lw dB(A) 6V	1987	70	51	62	69	55	50	54	49	41
2. Inlet Lw dB(A) 4V	1325	59	43	57	52	42	41	42	36	28
1. Inlet Lw dB(A) 2V	767	41	36	35	33	31	31	22	24	15

### DIMENSIONS

