

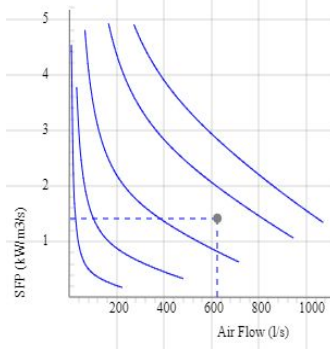
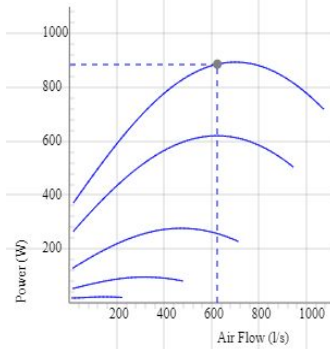
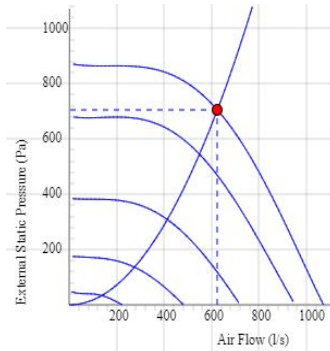


# IRB 600x300 B1 EC

- 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 600x300
- Dukstos 600x300



## Voltage steps

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

## TECHNICAL DATA

7890235 IRB 600 x 300 B1 EC-y1	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	896 W
Current	3.92 A
Speed	2210 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	56 dB(A)
Weight	41.8 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	600x300 mm mm
Max. flow @ 0Pa	1072 l/s
Max. pressure	873 Pa
Voltage range	200-277 V

## SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	636	63	50	56	61	52	52	46	40	37
5. Outlet Lw dB(A) 10V	636	83	59	68	78	73	78	77	70	63
5. Inlet Lw dB(A) 10V	636	73	62	66	71	63	59	61	57	52
4. Inlet Lw dB(A) 8V	534	71	58	64	68	60	55	58	53	48
3. Inlet Lw dB(A) 6V	420	67	50	60	66	52	48	50	45	39
2. Inlet Lw dB(A) 4V	267	57	44	55	50	41	38	39	34	27
1. Inlet Lw dB(A) 2V	139	38	32	33	32	30	26	19	18	14

## DIMENSIONS

