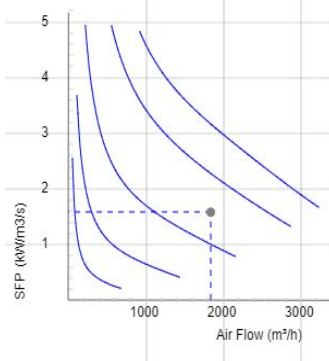
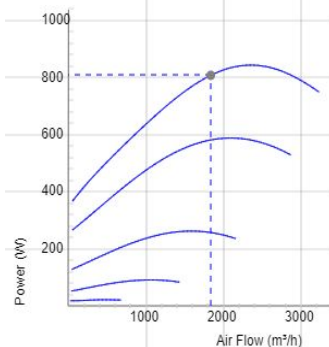
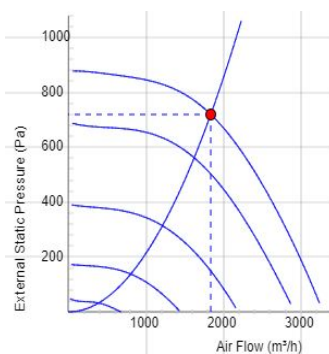


# IRB 315 B1 EC

- 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
- MK 315
- BSV 315
- RSK 315
- VK 315
- LDC 315
- FLF 315
- FLK 315
- YG 315


**Voltage steps**

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

**TECHNICAL DATA**

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	846 W
Current	3.73 A
Speed	2210 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	54 dB(A)
Weight	39.9 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	315 mm
Max. flow @ 0Pa	3283.2091929857 m³/h
Max. pressure	880 Pa
Voltage range	200-277 V

**7890238**  
**IRB 315 B1 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	1955	61	52	52	59	52	49	42	38	34
5. Outlet Lw dB(A) 10V	1955	83	68	71	79	72	77	74	68	61
5. Inlet Lw dB(A) 10V	1955	73	65	67	70	58	53	58	54	47
4. Inlet Lw dB(A) 8V	1685	71	62	65	68	53	50	54	50	44
3. Inlet Lw dB(A) 6V	1256	69	56	60	67	46	43	46	42	36
2. Inlet Lw dB(A) 4V	871	56	48	54	49	37	37	35	31	25
1. Inlet Lw dB(A) 2V	446	41	37	33	31	27	35	24	16	12

**DIMENSIONS**
