

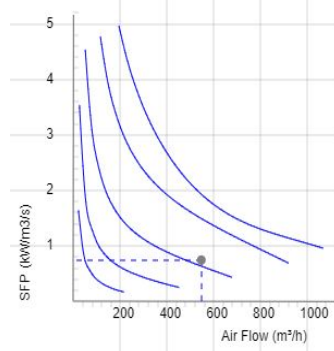
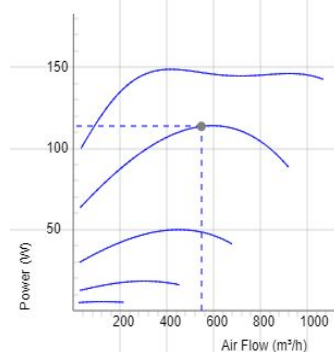
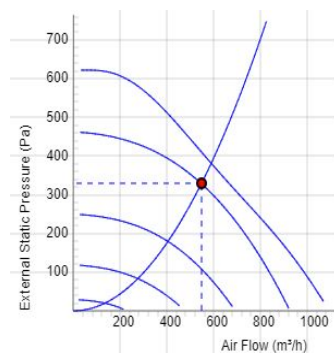


IRB 250 A1 EC

- 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 250
- BSV 250
- RSK 250
- VK 250
- LDC 250
- FLF 250
- FLK 250
- YG 250



Voltage steps

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

TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	147 W
Current	1.18 A
Speed	2790 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	43 dB(A)
Weight	24.2 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	250 mm
Max. flow @ 0Pa	1094.4030643286 m³/h
Max. pressure	624 Pa
Voltage range	200-277 V

7880136 IRB 250 A1 EC-y3

SOUND DATA	Flow (m³/h)	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	742	50	32	39	48	43	37	34	32	27
5. Outlet Lw dB(A) 10V	742	71	57	58	67	60	62	65	59	47
5. Inlet Lw dB(A) 10V	742	61	56	54	56	46	50	49	47	38
4. Inlet Lw dB(A) 8V	698	60	52	52	57	44	47	48	44	37
3. Inlet Lw dB(A) 6V	518	58	46	47	57	37	41	39	33	29
2. Inlet Lw dB(A) 4V	360	47	38	44	42	29	30	28	21	13
1. Inlet Lw dB(A) 2V	194	32	29	26	25	20	14	12	12	10

DIMENSIONS

