

IRB 200 C1 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 200
- BSV 200
- RSK 200
- VK 200
- LDC 200
- FLF 200
- FLK 200
- YG 200

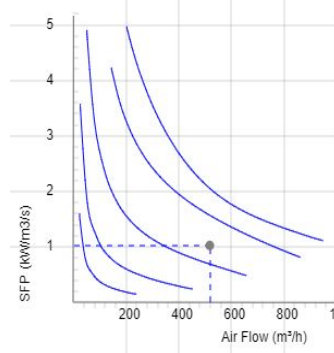
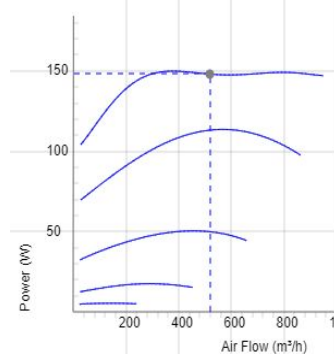
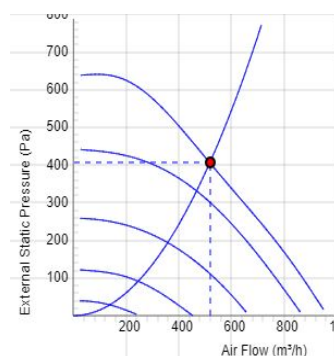
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TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	149 W
Current	1.2 A
Speed	2890 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	43 dB(A)
Weight	17.3 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	200 mm
Max. flow @ 0Pa	964.80270144756 m³/h
Max. pressure	641 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	576	50	32	42	48	42	38	33	30	30
5. Outlet Lw dB(A) 10V	576	73	61	65	70	66	61	63	58	50
5. Inlet Lw dB(A) 10V	576	66	58	62	62	55	47	45	42	38
4. Inlet Lw dB(A) 8V	533	65	55	60	61	52	44	42	39	36
3. Inlet Lw dB(A) 6V	414	61	48	53	60	42	36	33	30	33
2. Inlet Lw dB(A) 4V	299	51	39	49	45	31	24	19	18	18
1. Inlet Lw dB(A) 2V	198	35	30	31	27	13	11	2	3	4



Voltage steps

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

DIMENSIONS

