

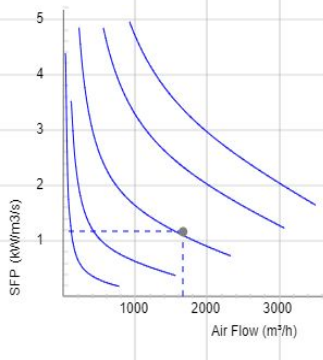
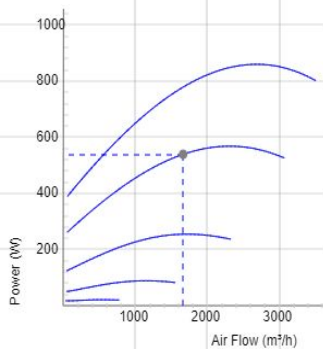
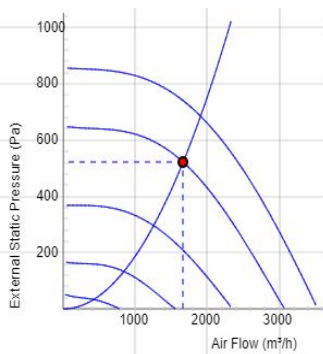


IRB 355 B1 EC

- 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 355
- BSV 355
- RSK 355
- VK 355



Voltage steps

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

TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	854 W
Current	3.76 A
Speed	2210 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	59 dB(A)
Weight	42.0 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	355 mm
Max. flow @ 0Pa	3531.6098885077 m³/h
Max. pressure	862 Pa
Voltage range	200-277 V

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SOUND DATA

	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding L_w dB(A) 10V	2340	66	50	55	64	54	53	48	44	37
5. Outlet L_w dB(A) 10V	2340	85	67	72	80	75	79	77	69	63
5. Inlet L_w dB(A) 10V	2340	75	66	71	72	61	57	57	53	48
4. Inlet L_w dB(A) 8V	2077	74	63	69	71	55	53	54	50	45
3. Inlet L_w dB(A) 6V	1548	70	58	65	69	47	46	46	42	37
2. Inlet L_w dB(A) 4V	1048	60	49	59	53	38	36	34	31	27
1. Inlet L_w dB(A) 2V	551	43	40	36	33	29	32	20	16	12

DIMENSIONS

