

IRB 355 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

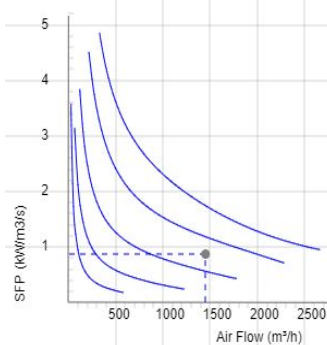
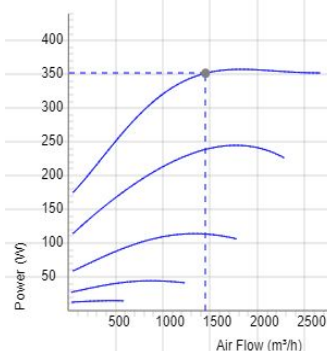
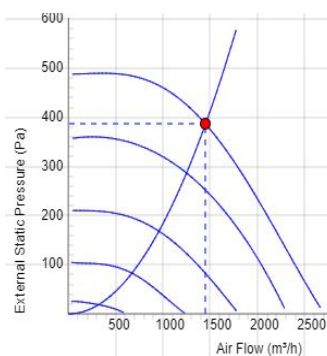
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- MK 355
- BSV 355
- RSK 355
- VK 355

**7890243
IRB 355 A1 EC-y1**
TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	357 W
Current	1.56 A
Speed	1630 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	54 dB(A)
Weight	39.3 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	355 mm
Max. flow @ 0Pa	2707.2075801812 m³/h
Max. pressure	491 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	1778	61	43	48	61	44	42	35	28	26
5. Outlet Lw dB(A) 10V	1778	79	61	68	77	67	70	67	60	53
5. Inlet Lw dB(A) 10V	1778	72	60	65	70	50	48	49	45	41
4. Inlet Lw dB(A) 8V	1552	70	57	64	68	46	45	45	41	37
3. Inlet Lw dB(A) 6V	1202	63	50	61	56	38	38	37	33	30
2. Inlet Lw dB(A) 4V	853	56	44	55	45	29	26	24	21	16
1. Inlet Lw dB(A) 2V	410	38	36	30	27	17	20	10	14	10


Voltage steps

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

DIMENSIONS
