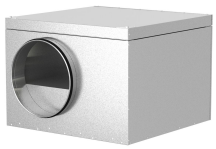
ÖSTBERG

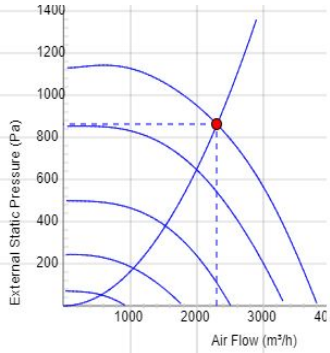


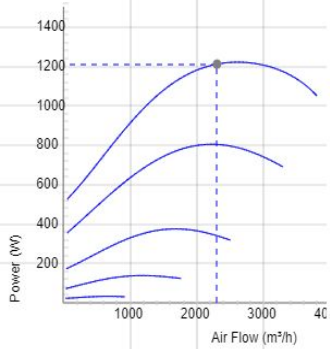
IRB 355 E3 EC

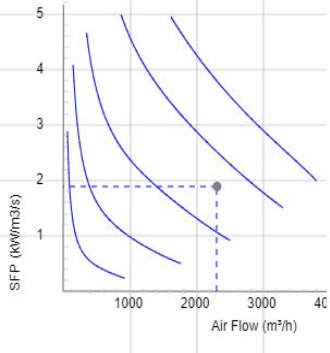
- Insulated duct fan.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design prioritise functionality, durability and longevity.
- Impeller with backward curved blades.
- The external rotor 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

7890245
IRB 355 E3 EC-y1

Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1230 W
Current	1.91 A
Speed	2510 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	60 dB(A)
Weight	42.0 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	355 mm
Max. flow @ 0Pa	3816.0106848299 m³/h
Max. pressure	1145 Pa
Voltage range	380-480 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	2473	67	53	57	65	58	55	52	47	41
5. Outlet Lw dB(A) 10V	2473	87	70	75	82	79	82	80	74	67
5. Inlet Lw dB(A) 10V	2473	77	68	72	72	64	60	61	57	52
4. Inlet Lw dB(A) 8V	2200	74	65	70	71	58	55	57	53	48
3. Inlet Lw dB(A) 6V	1706	71	60	65	69	50	49	50	45	42
2. Inlet Lw dB(A) 4V	1228	64	52	62	59	40	41	39	35	33
1. Inlet Lw dB(A) 2V	680	48	42	44	38	30	36	26	25	15

DIMENSIONS