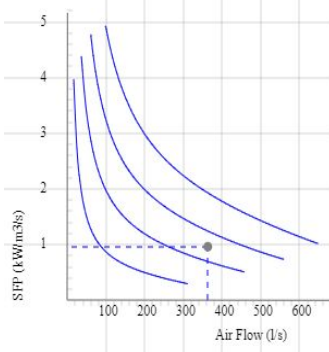
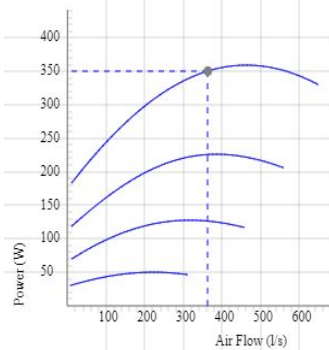
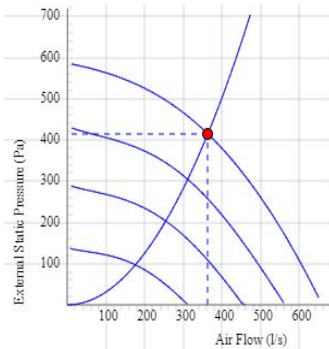


IRB 500x250 E1 EC

- Insulated duct fan with rectangular connections.
- 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

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- Dukstos 500x250
- LDR 500x250



Voltage steps

1	2	3	4
5V	7V	8.5V	10V

TECHNICAL DATA

		7880010 IRB 500x250 E1 EC
Voltage		230 V
Phase		1 ~
Frequency		50/60 Hz
Power		362 W
Current		1.57 A
Speed		2020 r.p.m.
Max. temperature of transported air		60 °C
Sound pressure level at 3 m		60 dB(A)
Weight		34.0 kg
Enclosure class		54 IP
Insulation class, motor		F
Duct connection		500x250 mm
Max. flow @ 0Pa		659 l/s
Max. pressure		587 Pa
Voltage range		200-277 V

SOUND DATA

	Flow (l/s)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	532	67	47	58	66	52	47	43	37	32
4. Outlet Lw dB(A) 10V	531	81	63	71	80	69	66	63	59	56
4. Inlet Lw dB(A) 10V	531	74	63	68	72	57	50	50	48	46
3. Inlet Lw dB(A) 8.5V	448	70	60	67	67	52	45	45	44	41
2. Inlet Lw dB(A) 7V	364	64	56	61	59	46	40	40	39	35
1. Inlet Lw dB(A) 5V	253	59	51	57	49	35	31	31	30	21

DIMENSIONS

