

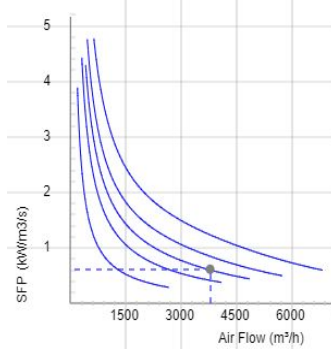
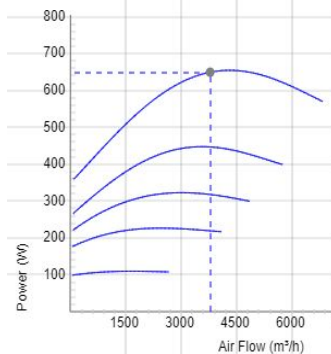
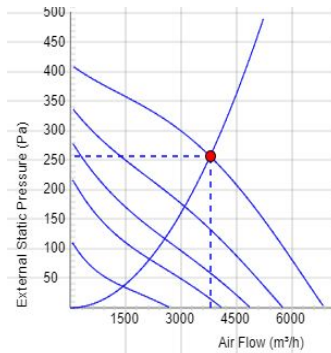


IRB 800x500 B3

- 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.
- Operational in both 50 and 60 Hz.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer can be connected.
- 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

- VRTT 2
- VRDT 2
- Dukstos 800x500
- LDR 800x500



Voltage steps

1	2	3	4	5
95V	145V	185V	240V	400V

TECHNICAL DATA

	7890109 IRB 800x500 B3
Voltage	400 V
Voltage Delta	230 V
Phase	3 ~
Frequency	50 Hz
Optional frequency	60 Hz
Power	656 W
Current	1.46 A
Current Delta	2.54 A
Speed	880 r.p.m.
Max. temperature of transported air	75 °C
Max. temperature of transported air when speed controlled	75 °C
Sound pressure level at 3 m	50 dB(A)
Weight	86.8 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Max. flow @ 0Pa	6876.0192528539 m³/h
Max. pressure	409 Pa
Voltage range	380-415 V

SOUND DATA

	Flow (m³/h)	L _{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 400V	4349	57	49	55	50	41	40	37	36	33
5. Outlet Lw dB(A) 400V	4349	73	67	71	63	59	58	54	51	48
5. Inlet Lw dB(A) 400V	4349	66	59	64	53	44	44	43	40	40
4. Inlet Lw dB(A) 240V	3413	58	54	54	46	38	39	37	36	34
3. Inlet Lw dB(A) 185V	3020	53	51	48	42	34	34	32	32	28
2. Inlet Lw dB(A) 145V	2646	49	47	43	35	28	27	27	26	21
1. Inlet Lw dB(A) 95V	1879	36	32	32	26	20	19	22	18	14

DIMENSIONS

