

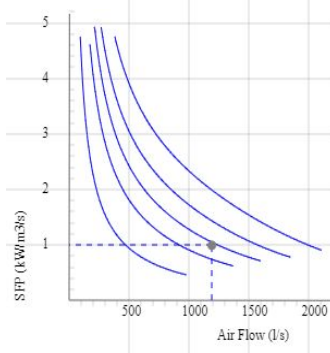
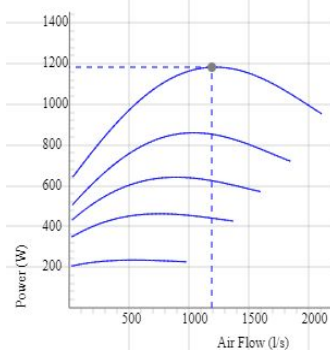
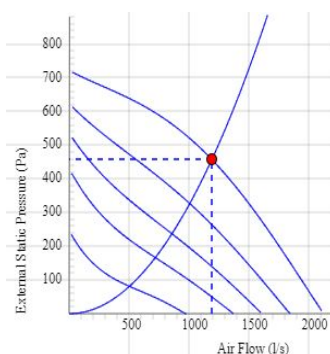


# IRB 800x500 E3

- 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 4
- VRDT 4
- Dukstos 800x500
- LDR 800x500



## Voltage steps

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

## TECHNICAL DATA

		7890110 IRB 800x500 E3
Voltage		400 V
Voltage Delta		230 V
Phase		3 ~
Frequency		50 Hz
Optional frequency		60 Hz
Power		1190 W
Current		2.68 A
Current Delta		4.66 A
Speed		1360 r.p.m.
Max. temperature of transported air		80 °C
Max. temperature of transported air when speed controlled		80 °C
Sound pressure level at 3 m		61 dB(A)
Weight		89.0 kg
Enclosure class		54 IP
Insulation class, motor		F
Capacitor		- µF
Max. flow @ 0Pa		2120 l/s
Max. pressure		712 Pa
Voltage range		380-415 V

## SOUND DATA

	Flow (l/s)	$L_{wa}$ tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 400V	1622	68	48	68	60	52	45	40	40	35
5. Outlet Lw dB(A) 400V	1622	79	66	76	73	70	69	64	62	60
5. Inlet Lw dB(A) 400V	1622	74	56	74	62	58	53	51	51	49
4. Inlet Lw dB(A) 240V	1368	69	54	69	57	52	48	47	47	44
3. Inlet Lw dB(A) 185V	1187	68	53	68	53	47	44	43	43	39
2. Inlet Lw dB(A) 145V	1016	62	56	60	47	41	39	38	40	32
1. Inlet Lw dB(A) 95V	760	49	46	46	35	30	30	34	29	17

## DIMENSIONS

