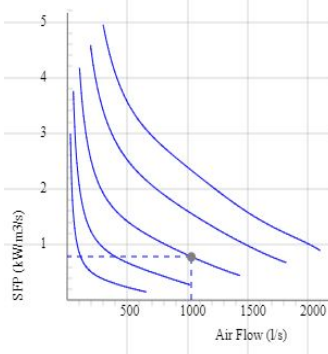
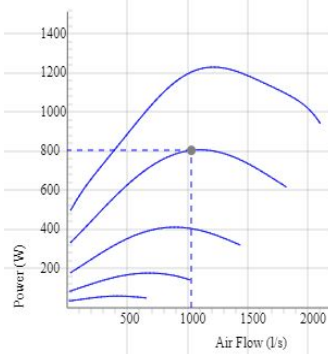
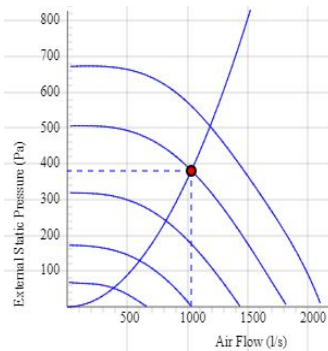


# IRB 800x500 A3 EC

- 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
- LDR 800x500
- Dukstos 800x500



## Voltage steps

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

## TECHNICAL DATA

7890250 IRB 800x500 A3 EC-y1	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1220 W
Current	1.88 A
Speed	1350 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	58 dB(A)
Weight	73.5 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	800x500 mm
Max. flow @ 0Pa	2117 l/s
Max. pressure	676 Pa
Voltage range	380-480 V

## SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	1216	65	46	58	63	51	53	45	44	40
5. Outlet Lw dB(A) 10V	1216	81	59	71	78	73	75	70	64	57
5. Inlet Lw dB(A) 10V	1216	73	58	67	71	59	60	61	55	49
4. Inlet Lw dB(A) 8V	1094	69	55	68	60	53	56	56	51	45
3. Inlet Lw dB(A) 6V	876	65	52	64	52	47	50	49	44	39
2. Inlet Lw dB(A) 4V	590	62	49	61	47	39	42	41	35	31
1. Inlet Lw dB(A) 2V	388	45	41	41	33	32	31	28	22	18

## DIMENSIONS

