

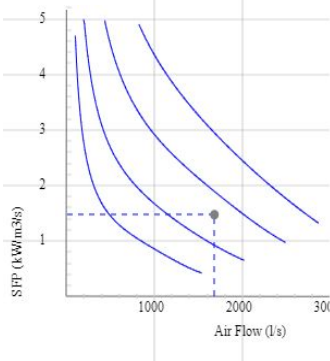
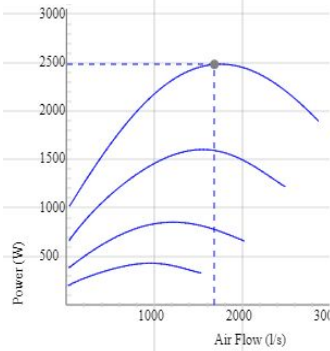
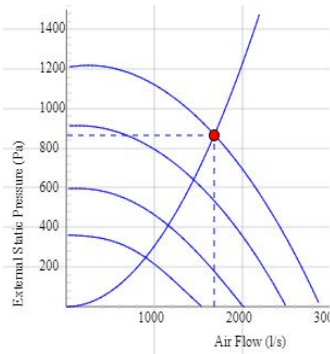


# RKB 800x500 E3 EC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- 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.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

## Accessories

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- Dukstos 800x500
- LDR 800x500



## Voltage steps

1	2	3	4
5.5V	7V	8.5V	10V

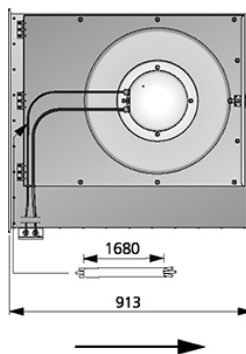
## TECHNICAL DATA

		7480107 RKB 800x500 E3 EC
Voltage		400 V
Phase		3 ~
Frequency		50/60 Hz
Power		2570 W
Current		3.92 A
Speed		1800 r.p.m.
Max. temperature of transported air		60 °C
Max. temperature of transported air when speed controlled		60 °C
Sound pressure level at 3 m		73 dB(A)
Weight		65.3 kg
Enclosure class		54 IP
Insulation class, motor		F
Duct connection		800x500 mm
Max. flow @ 0Pa		2890 l/s
Max. pressure		1224 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
4. Surrounding Lw dB(A) 10V	2207	80	57	70	79	71	64	56	53	50
4. Outlet Lw dB(A) 10V	2207	94	74	83	91	85	86	83	79	73
4. Inlet Lw dB(A) 10V	2207	89	69	80	87	78	78	75	72	69
3. Inlet Lw dB(A) 8.5V	1949	83	66	80	77	73	74	70	68	67
2. Inlet Lw dB(A) 7V	1578	78	62	75	71	68	67	64	62	64
1. Inlet Lw dB(A) 5.5V	1184	72	59	70	64	60	60	58	58	55

## DIMENSIONS



( mm )

