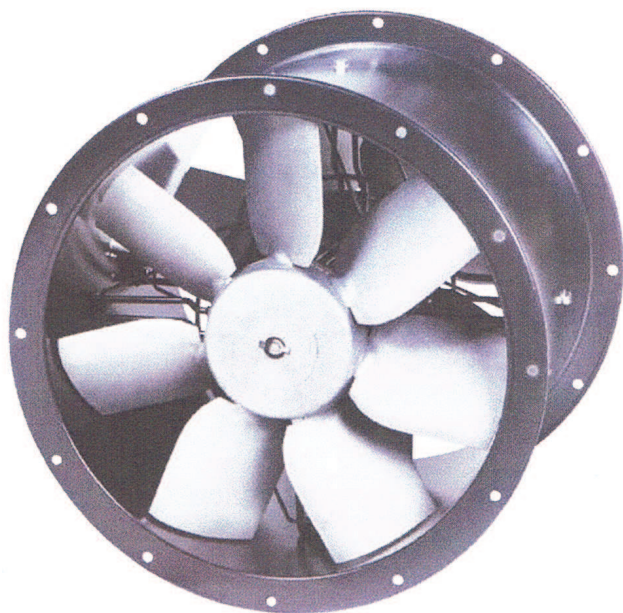


CONTRA-FOIL™ contra-rotating cased axial flow fans (aluminium impellers)



Range of cylindrical cased axial fans fitted with aluminium impellers and manufactured from high grade rolled galvanised steel and protected against **corrosion by cataforesis primer and black polyester paint finish.** Fitted with **2 contra-rotating complementary impellers** manufactured from die-cast aluminium. All models are supplied with pre-wired wiring junction box located on the outside of the fan casing for easy wiring access. Available with single or three phase 4 poles motors.

Motors

All the motors are **IP65**, Class F insulation (1), equipped with **thermal protection.** Single phase motor Speed controllable up to 560mm* (*560mm must be three wire controlled and must not exceed 55° ambient temperature) Three phase motors suitable for inverter control.

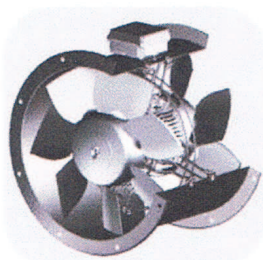
Electrical supplies:

Single phase 230V-50Hz. (Capacitor located inside the wiring terminal box).

Three phase 400V-50Hz

(1) Working temperatures from -40°C up to 70°C.

Contra-rotating: High pressure



Contra-rotating system with two complementary impellers **allowing the duplication of the pressure** with the same air volume

Corrosion resistance



Rolled steel casings and motor support **protected by cataforesis primer and black polyester paint finish.** Stainless steel screws

Terminal box



Wiring **terminal box** with cable gland PG-11

Impeller dynamically balanced



Impellers are dynamically balanced, according to ISO 1940 standard, giving vibration free operation

Technical characteristics

Before installation check that the product electrical characteristics listed on the data plate label (Voltage, power, frequency etc) match those of the intended electrical supply.

Code	Model	Diameter Ø (mm)	Speed (r.p.m.)	Maximum Power (kW)	Max. Current (A)	Maximum Air Volume (m³/h)	Weight (Kg)	Speed Controller
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ContraFoil Contra-Rotating Cased axial flow fans (Aluminium impellers)

Single phase

230V

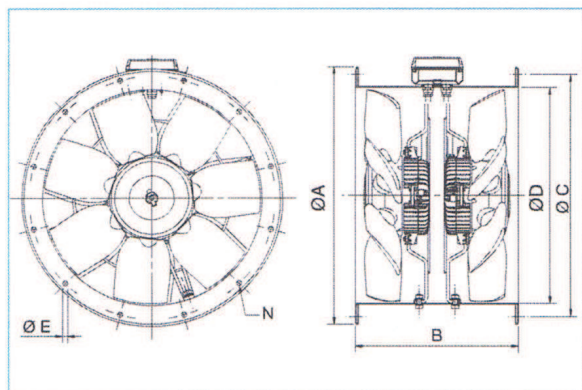
5605384600	TCBBx2/4-450	450	1370	1.24	5.40	6900	42	REB-6
5605385300	TCBBx2/4-500	500	1150	1.40	6.20	8000	50	REB-8
5605751300	TCBBx2/4-500E	500	1375	1.90	8.70	9500	54	REB-10
5605760400	TCBBx2/4-560L	560	1425	2.75	12.30	11800	66	REB-12
5605386100	TCBBx2/4-560	560	1340	3.25	15.50	14300	66	REB-16
5605387900	TCBBx2/4-630	630	1280	3.90	19.00	18200	80	

Three phase

400V

5605380400	TCBTx2/4-450	450	1400	1.25	3.40	6900	42	RMT-5
5605381200	TCBTx2/4-500	500	1340	1.75	3.60	9400	50	RMT-5
5605382000	TCBTx2/4-560	560	1360	3.12	5.80	14300	66	RMT-8
5605383800	TCBTx2/4-630	630	1370	4.20	8.00	18200	80	RMT-12

Dimensions (mm)



Model	Ø A	B	Ø C	Ø D	Ø E	Number of holes N
450	537	375	500	450	12	8
500	595	375	560	500	12	12
500E	595	520	560	500	12	12
560/560L	655	520	620	560	12	12
630	725	520	690	630	12	12

Performance curves

- Q = Air volume in, m³/hr and m³/s.
- Pe = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Air flow data in accordance with the following standards: UNE 100-212-89, BS 848, Part 1; AMCA 210-85 and ASHRAE 51-1985.

