



Range of cylindrical cased axial flow fans manufactured from high grade rolled sheet steel and finished with a tough black polyester paint coating and provided with a Sickle blade impeller fitted with an external rotor motor. Suitable for many general low pressure extract / supply ventilation applications. Available, depending upon the model, with single phase motors in 2 or 4 poles.

Motors

All the motors are IP44 Class F insulation, equipped with thermal protection and ball bearings greased for life.

Electrical supply:

Single phase 230V-50Hz. (Capacitor located inside the wiring terminal box). All models are speed controllable.

Additional Information

Direction of air:

TREB Models: form (A) configuration (Motor over Impeller).

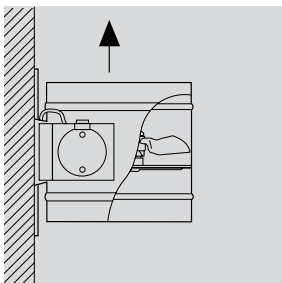
TRB Models: form (B) configuration (Impeller over Motor).



TRB

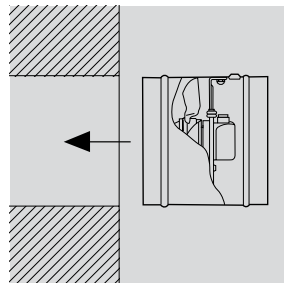


TREB



Model type TRB

Suitable for mounting on walls, ceilings or support structures, etc. Integrated mounting bracket with fixed outlet wiring box (can be moved either right or left side of the fan bracket.)



Model type TREB

Suitable for installation within a wall or ceiling structure. Wiring terminal box fitted on the motor.



Flame retardant terminal box

Terminal box in flame retardant plastic V0 located outside the airflow and including the capacitor.



High efficiency

“Sickle blade” impeller
“Sickle Blade” impeller specifically designed to ensure the highest and most efficient airflow performance with the lowest noise level. Dynamically balanced to ISO 1940 standard. Manufactured from pressed sheet steel.

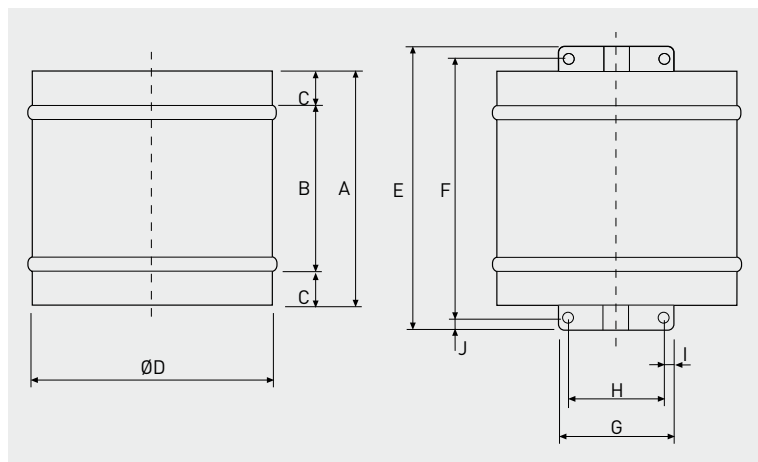
TECHNICAL CHARACTERISTICS

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.

| Model | Speed (rpm) | Maximum absorbed power (W) | Maximum absorbed current (A) | Maximum air volume (m ³ /h) | Sound pressure level* (dB(A)) | Weight (kg) |
|-------------------|-------------|----------------------------|------------------------------|--|-------------------------------|-------------|
| MODEL TYPE – TRB | | | | | | |
| TRB/2-200 | 2775 | 60 | 0,34 | 845 | 54 | 4,6 |
| TRB/4-200 | 1475 | 35 | 0,19 | 450 | 40 | 4,5 |
| TRB/2-250 | 2685 | 125 | 0,55 | 1.810 | 59 | 5,6 |
| TRB/4-250 | 1450 | 40 | 0,21 | 950 | 43 | 5,1 |
| TRB/4-300 | 1380 | 78 | 0,33 | 1.690 | 52 | 6,2 |
| TRB/4-350 | 1400 | 125 | 0,55 | 3.070 | 52 | 7,3 |
| MODEL TYPE – TREB | | | | | | |
| TREB/2-200 | 2775 | 60 | 0,34 | 845 | 60 | 3,7 |
| TREB/4-200 | 1475 | 35 | 0,19 | 450 | 42 | 3,6 |
| TREB/2-250 | 2685 | 125 | 0,55 | 1.810 | 65 | 4,7 |
| TREB/4-250 | 1450 | 40 | 0,21 | 950 | 47 | 4,2 |
| TREB/4-300 | 1380 | 78 | 0,33 | 1.690 | 61 | 5,4 |
| TREB/4-350 | 1400 | 125 | 0,55 | 3.070 | 58 | 7,2 |

* Measured at a distance of 1.5 m (for model TREB this figure represents the inlet sound pressure level).

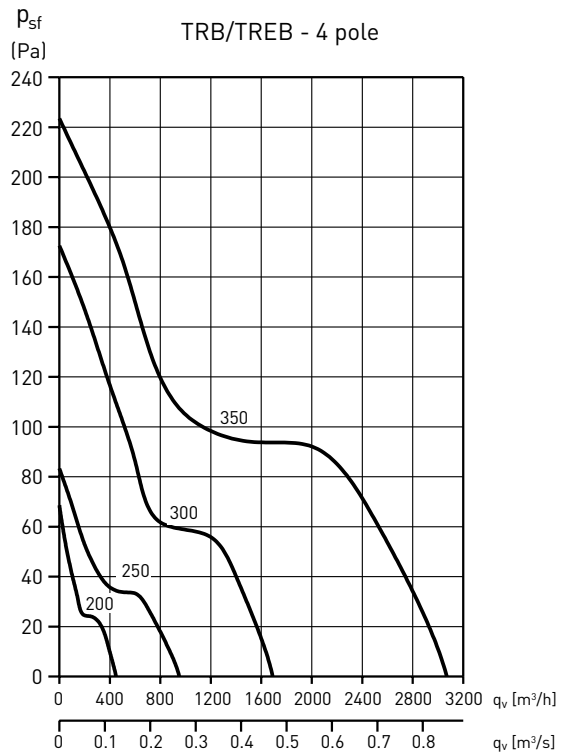
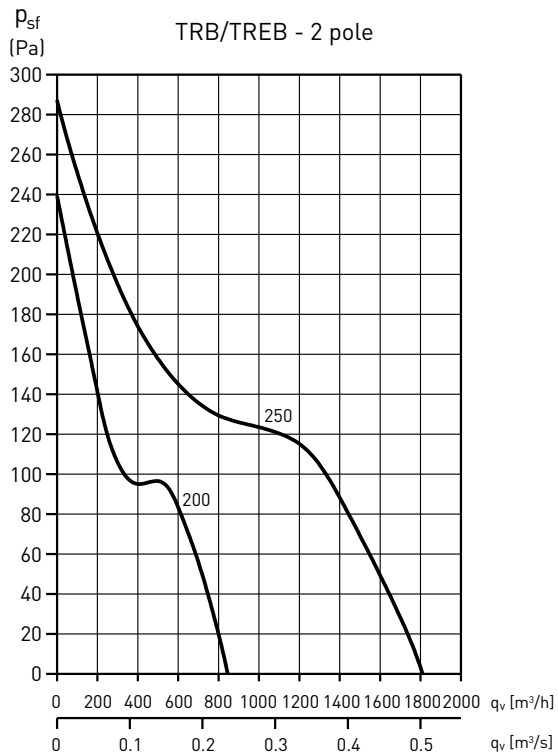
DIMENSIONS (mm)



| Model | A | B | C | ØD | E | F | G | H | I | J |
|----------|-----|-----|----|-------|-----|-----|-----|----|----|------|
| TRB-200 | 250 | 174 | 38 | 206 | 300 | 269 | 114 | 94 | 10 | 15,5 |
| TRB-250 | 250 | 174 | 38 | 260,4 | 300 | 269 | 114 | 94 | 10 | 15,5 |
| TRB-300 | 250 | 174 | 38 | 308,5 | 300 | 269 | 114 | 94 | 10 | 15,5 |
| TRB-350 | 250 | 174 | 38 | 362,4 | 300 | 269 | 114 | 94 | 10 | 15,5 |
| TREB-200 | 250 | 174 | 38 | 206 | - | - | - | - | - | - |
| TREB-250 | 250 | 174 | 38 | 260,4 | - | - | - | - | - | - |
| TREB-300 | 250 | 174 | 38 | 308,4 | - | - | - | - | - | - |
| TREB-350 | 250 | 174 | 38 | 362,4 | - | - | - | - | - | - |

PERFORMANCE CURVES

- q_v : Air volume in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



ELECTRICAL ACCESSORIES



REB-1N / REB 2,5N
 Electronic single phase speed controllers.



RMB
 Single phase auto-transformer speed controllers.