TET Series Special Application Bifurcated Fans

0 021882 603073

150ºC

CONTINUOUS operation up to 150ºC

Range of bifurcated axial flow fans with motor isolated from the air stream making this range suitable for **continuous operation up to 150ºC**.

The casings are manufactured from high grade rolled sheet steel **protected against corrosion by grey epoxy-polyester paint finish**.

All models incorporate one piece die-cast aluminium impellers.

The impellers are finished with red colour epoxy-polyester paint coating.

Available, depending upon the model, with three phase motors in 2, 4 or 6 poles.

Motors

All the motors are **IP55**, Class F insulation.

Electrical supply:

Three phase motors 230/400V-50Hz.

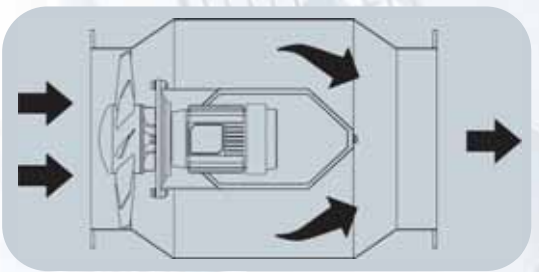
A P P L I C A T I O N S

Warehouses

Painting Installations

CONTINUOUS operation up to 150ºC

Motor isolated from the air stream



Motor isolated from the air stream in a tunnel between the "split" fan casing. The motor is cooled by an impeller mounted on the non drive end of the motor

Dynamically balanced impeller

Impellers are dynamically balanced, according to ISO 1940, providing vibration free operation and coated with a special **low friction paint repelling the dirtiness**

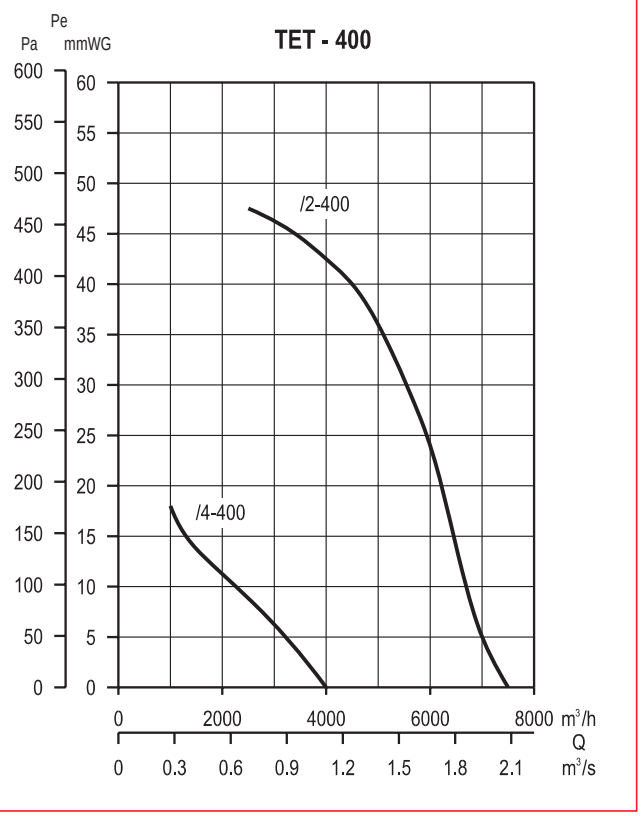
Technical characteristics

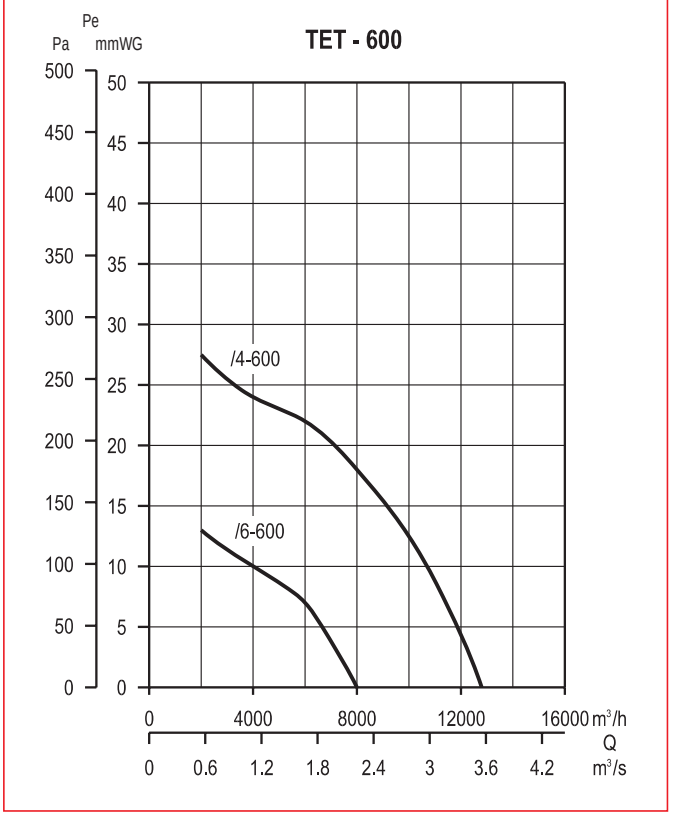
Before installation check that the product electrical characteristics listed on the data plate label (Voltage, power, frequency etc) match those of the intended electrical supply.

Model	Speed (r.p.m.)	Max. power absorbed (kW)	Maximum absorbed current (A)		Degree of protection	Insulation class	Max. air volume (m³/h)	Sound pressure level (dB(A))	Weight (kg)
			230 V	400 V					
TET/2-400	2850	1,10	4,30	2,55	IP-55	Clase F	7500	81	53,4
TET/4-400	1400	0,55	2,60	1,50	IP-44	Clase B	4000	69	52
TET/4-600	1410	1,10	4,80	2,80	IP-44	Clase B	12800	74	83,5
TET/6-600	905	0,37	2,00	1,26	IP-55	Clase F	8000	65	80

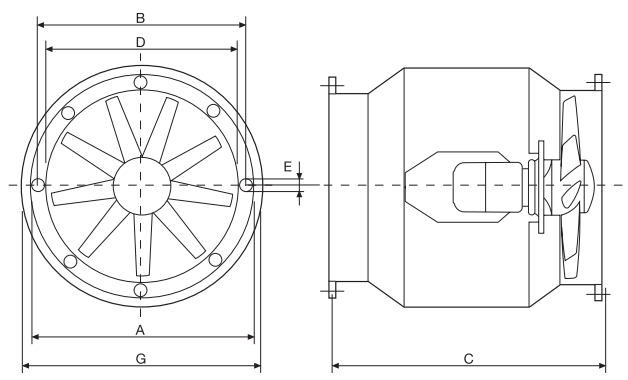
Performance curves

– Q = Air volume in, m^3/hr and m^3/s.
– Pe = Static pressure in mmWG and Pa.
– Dry air at 20ºC 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.





Dimensions (mm)



Model	Ø A	B	C	Ø D	Ø E	Ø G
TET/2-400	484	450	770	400	10	534
TET/4-400	484	450	770	400	10	534
TET/4-600	694	664	830	600	12	734
TET/6-600	694	664	830	600	12	734