

TCBBX2/4-500 SOLER AND PALAU (S&P) HIGH PRESSURE 2 STAGE SHORT CASED AXIAL ALSO KNOWN AS TP50014 BY VENT AXIA

Contra rotating: High Pressure

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

Impeller dynamically balanced

Impeller dynamically balanced according to ISO 1940 standard, giving vibration free operation.

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

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 motors are variable voltage.

Three phase motors suitable for inverter control.

Electrical supplies

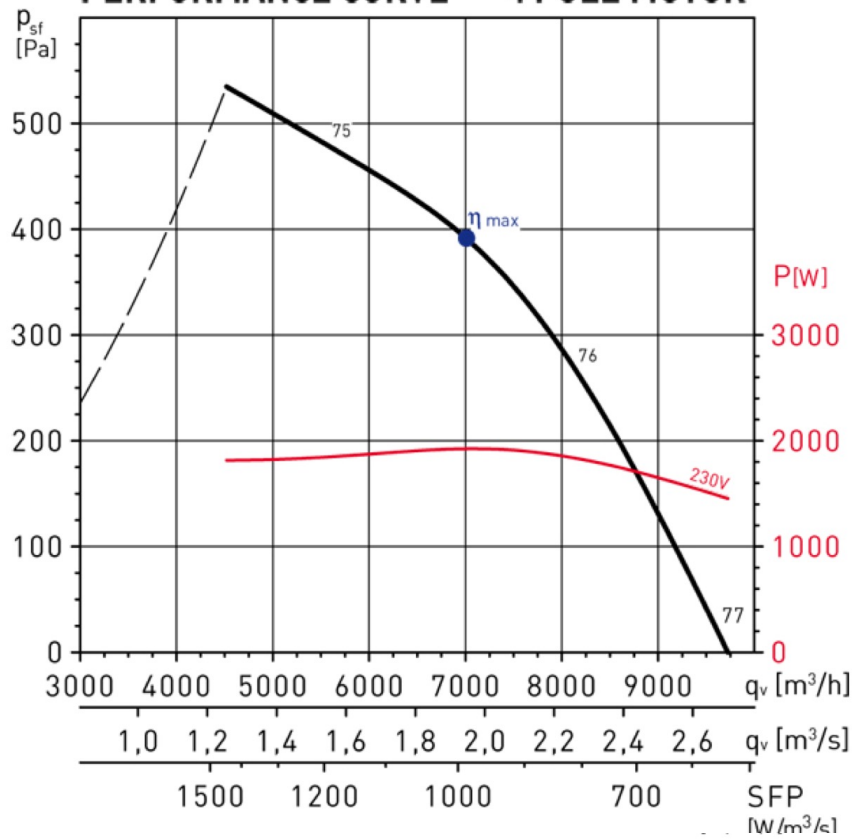
Single phase 230V-50Hz (Capacitor located inside the wiring terminal box)

Three phase 230/400V-50Hz

Working temperatures from -40°C up to 70°C

Performance

The curve below shows the fan performance which is 2.36m³/s @ free air and it's peak performance is 1.917m³/s @ 400pa. The fan can perform anywhere between these 2 points but we would not recommend selecting the fan to perform beyond the max point as indicated below by a blue dot below

PERFORMANCE CURVE - 4 POLE MOTOR**How loud is it?**

70.5dB(A) at 3 metres from the listener