

Product Data Sheet

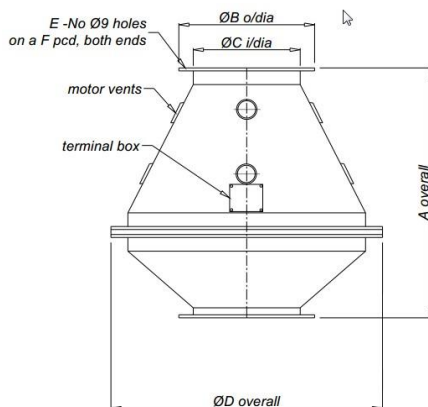
Part number:- PpTek Virtual Stack

PpTek Virtual Stack

The Virtual stack is designed to significantly increase the vertical exit velocity of the vent air discharge associated with a PpTek BGAk Siloxane Removal Systems.

It achieves this by using a venturi effect coupled with a 20-bladed impellor, to draw additional ambient air in to a mixing chamber and discharging through a convergent discharge section, thereby rapidly increasing the discharge velocity. A discharge section is mounted above the unit to direct the air flow vertically.

The resultant discharge is then projected to a far greater height than with the conventional PpTek Vent Stack. The additional draw of ambient air also has a 'diluting' effect on any entrained un-condensed contaminants in the vent air stream, and so reducing the overall concentration of the emission.



Dimensions

A	B	C	D	E	F
95	50	40	100	16	45.5

The final stack height can be varied but will be typically 5 to 6 m. The internal fan is driven by a 400v-3ph-50Hz electric motor, the supply for which is taken from the existing PpTek control panel via an MCB. The assembly is manufactured from high impact-resistant polypropylene, eliminating corrosion potential.



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