

V-Bank Transition System (VTS)



Highest airflow system to remove 99.5% of unwanted gases from the air

SPECIFICATIONS:

Applications	Protecting electronics, Wastewater odor control, & Environmental emission control.
Airflow Range	5,946.5 CMH (3,500 CFM) – 71,358.4 CMH (42,000 CFM) <i>*Please review the model selection sheet for more information.</i>
Configuration	Horizontal airflow
Construction Material	Standard: Fiberglass reinforced plastic (FRP) Other options: Stainless Steel, Aluminum
Particulate Filtration	Odor Control Applications: Mist & Grease Filter Other Applications: 5 cm (2 in), 30% MERV 8 Prefilter, 15 cm (6 in), 95% MERV 13 Final Filter <i>*Other filter sizes/options available upon request. Please contact the factory for more information.</i>
Blower Configuration	DRAWTHRU: Standard and allows the blower to work in clean air, thus making it last longer and require lower maintenance BLOWTHRU: An option for customers who want less noise from the blower <i>*Redundant blowers & other special options available.</i>
Customizable	PureAir offers Full "V" or Half "V". A full "V" is two beds and half "V" is one bed. Each bed can have multiple banks of media. Reference model selection chart on the back for details on the Full "V" and consult the catalog for information regarding the Half "V". Add-on accessories like sound enclosures are available. Contact factory for more information. <i>*Don't see what you are looking for? PureAir specializes in customization. Contact us with your air filtration needs and we will work with you to find the best solution for your needs.</i>



BENEFITS:

- Low Maintenance: Bulk loading and unloading options
- Horizontal footprint for spaces with limited height, but high airflow.
- Lower carbon media change-out costs, more flexibility in future adsorbent media selection with multiple media beds, and less electrical consumption than traditional carbon towers.
- Multiple beds available for adsorbent media. For more information on the adsorbent media, please see the media brochure.

Media Bed Rod:
This unit is equipped with a metal Media Bed rod to detect the remaining life of the media. See back for more details.



Case Study
RL Sutton

MODEL SELECTION TABLE

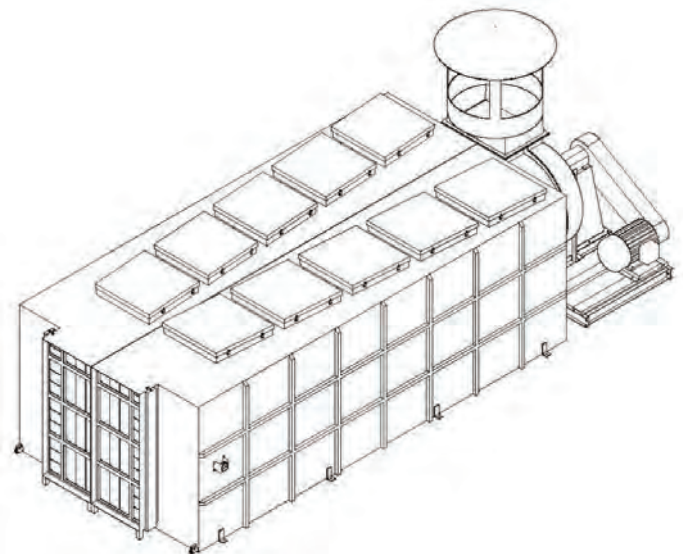
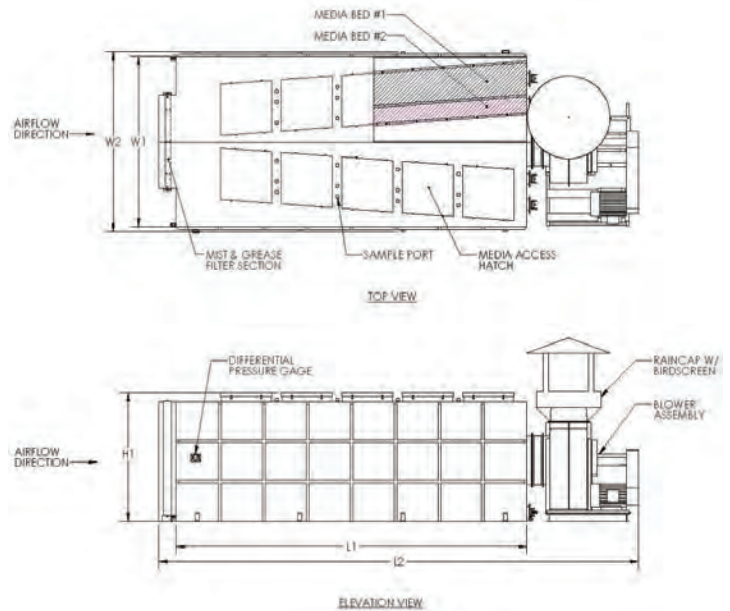
MODEL NUMBER VTS-	INDUSTRIAL AIR FLOW RANGE IN CMH (CFM)	MUNICIPAL AIR FLOW RANGE CMH (CFM)	MOTOR SIZE kW (HP)	MEDIA VOLUME M ³ (FT ³)	SHIPPING WEIGHT KG (LBS)	OPERATING WEIGHT KG (LBS)
7102	11,890-23,780 (7,000-14,000)	11,890-17,840 (7,000-10,500)	29.8 (40)	13.6 (480)	2,700 (5,950)	9,500 (20,950)
7152	17,840-35,680 (10,500-21,000)	17,840-26,760 (10,500-15,750)	37.2 (50)	20.4 (720)	3,740 (8,240)	13,940 (30,740)
7202	23,790-47,570 (14,000-28,000)	23,790-35,680 (14,000-21,000)	44.7 (60)	27.2 (960)	5,030 (11,100)	18,640 (41,100)
7252	29,310-59,470 (17,250-35,000)	29,310-44,600 (17,250-26,250)	55.9 (75)	34.0 (1,200)	6,740 (14,860)	23,750 (52,360)
7302	35,680-71,360 (21,000-42,000)	35,680-53,520 (21,000-31,500)	74.6 (100)	40.8 (1,440)	7,960 (17,540)	28,370 (62,540)

MEDIA BED ROD:



This unit is equipped with a metal Media Bed Rod. The rod is positioned inside the system at an angle against the direction of airflow and detects the expiration level of the media.

- Dark, corroded coloration on rod shows where media has expired. Once half the rod has been corroded, one should contact the factory to replace the media to ensure the proper functioning of the system.
- Interested in instant notification of media life? Ask about our Electronic Media Bed Rod that can be added to your system as an upgrade.



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