

Vertical Bed Scrubber (VBS)



Reliable, vertical air scrubber with high capacity

SPECIFICATIONS:

Applications	Protecting Electronics, Wastewater Odor Control, Environmental Emission Control
Airflow Range	270 CMH (160 CFM) – 28,883 CMH (17,000 CFM) Municipal 271.8 CMH (160 CFM) - 11,310 CMH (22,620 CFM) Industrial <i>*Review the model selection table for more information.</i>
Configuration	Vertical airflow
Construction Material	Municipal Standard: Fiberglass reinforced plastic
Particulate Filtration	Odor Control Applications: Mist and Grease Filter <i>*Additional filter sizes and options available.</i>
Blower Configuration	BLOWTHRU: Standard for customers who want less noise from the blower DRAWTHRU: Optional and allows the blower to work in clean air, making it last longer and require lower maintenance <i>*Redundant blowers and other special options available.</i>
Customizable	Multiple sizes and configurations available, reference model selection chart for details. Add-on accessories like sound enclosures are available.



BENEFITS:

- Low Maintenance: bulk loading and unloading options available
- Multiple beds available for adsorbent media
- Larger VBS models can have 2 beds with multiple banks in each bed
- Can be used with multiple types of media for different applications
- Low bypass and high efficiency
- Traditional, reliable, and simple solution with a larger airflow capacity than a drum scrubber

Media Bed Indicator:

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

MODEL SELECTION TABLE

VBS MODEL # VBS-	AIR FLOW RANGE CMH (CFM)	MOTOR MAX kW (HP)	MEDIA VOLUME M ³ (FT ³)	SHIPPING WEIGHT KG (LBS)	OPERATING WEIGHT KG (LBS)
02	270-410 (160-240)	0.4 (0.5)	0.3 (9.4)	231 (510)	374 (825)
03	590-900 (350-530)	0.7 (1.0)	0.6 (21.2)	315 (695)	637 (1,405)
04	1,070-1,600 (630-940)	1.5 (2.0)	1.1 (37.7)	476 (1,050)	1,048 (2,310)
05	1,670-2,500 (980-1,470)	2.2 (3.0)	1.7 (58.9)	680 (1,500)	1,574 (3,470)
06	2,400-3,600 (1,410-2,120)	3.7 (5.0)	2.4 (84.8)	907 (2,000)	2,191 (4,830)
7.5	3,600-5,600 (2,120-3,310)	5.5 (7.5)	3.8 (132.5)	2,132 (4,700)	4,137 (9,120)
08	4,260-6,400 (2,510-3,770)	7.4 (10.0)	4.3 (150.8)	2,449 (5,400)	4,731 (10,430)
*08-DB	8,540-12,810 (5,030-7,540)	14.7 (20.0)	8.5 (301.6)	5,216 (11,500)	9,779 (21,560)
10	6,680-10,010 (3,930-5,890)	11.0 (15.0)	6.7 (235.6)	4,128 (9,100)	7,693 (16,960)
*10-DB	13,340-20,010 (7,850-11,780)	18.4 (25.0)	13.3 (471.2)	7,620 (16,800)	14,746 (32,510)
12	9,600-14,400 (5,650-8,480)	14.7 (20.0)	9.6 (339.0)	9,117 (20,100)	14,247 (31,410)
*12-DB	1,920-28,820 (11,310-16,960)	294.0 (40.0)	19.2 (678.5)	11,068 (24,400)	21,328 (47,020)

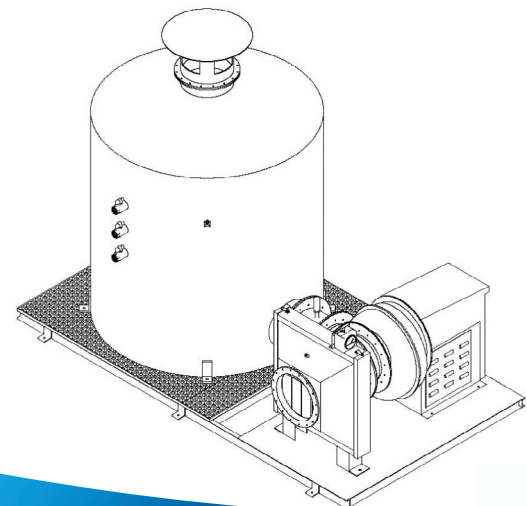
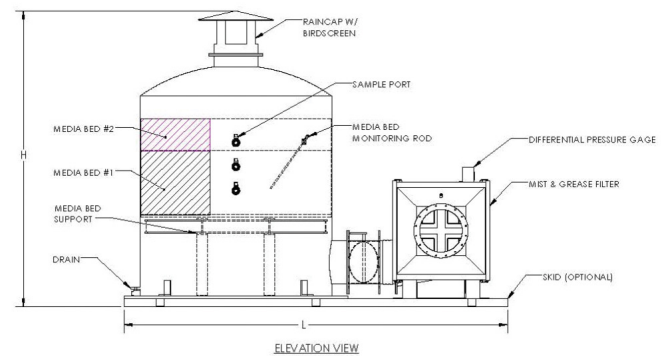
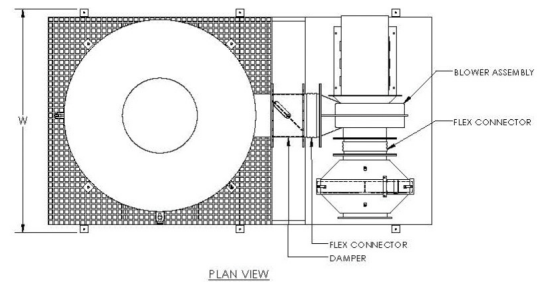
*DB indicates larger models with dual beds. Each bed can have multiple banks of media.

MEDIA BED INDICATOR:



This unit is equipped with a metal Media Bed Indicator. The indicator 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 indicator shows where media has expired. Once half the indicator has been corroded, contact the factory to replace the media and ensure the proper functioning of the system.
- Interested in instant notification of media life? Ask about the Electronic Media Bed Monitor that can be added to systems as an upgrade.



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