

Industrial Vertical Bed Scrubber (I-VBS)

The Industrial Vertical Bed Scrubber (I-VBS) is a vertical airflow system that provides air purification for high contaminant levels. Used in pulp and paper mills and other industrial facilities, the reliable deep-bed design handles high airflow streams and removes more than 99% of odorous and corrosive gases.

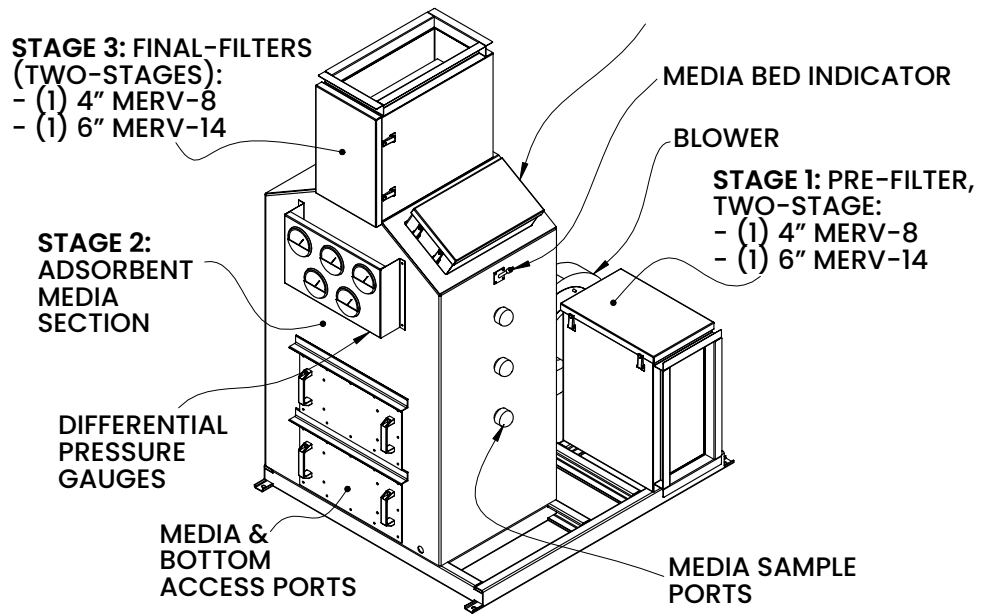
	Features
Construction Material	• Standard: 316 or 304 grade Stainless Steel • Other Options: Aluminum
Particulate Filtration	• 50mm (2 in), 30% MERV-8 Filter • 150mm (6 in), 95% MERV-14 Filter • <i>*Other filter options available</i>
Customizable	• Magnehelic or photohelic differential pressure gauges • Multiple blower selections • Various sizes and configurations • Models have a single deep bed with the ability for multiple medias • Sound enclosures

Key Benefits

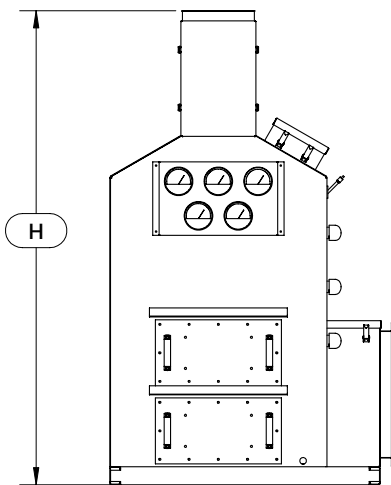
- Bulk loading and unloading options for efficient handling
- High removal efficiency with local resistance
- Protects electronics from corrosive gases in data centers and control rooms



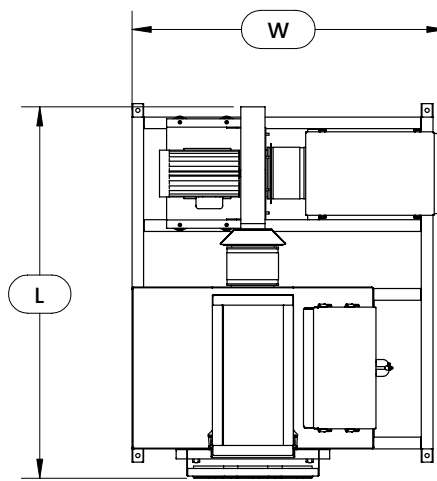
IVBS MODEL # VBS-	AIR FLOW RANGE CMH (CFM)	MOTOR MAX kW (HP)	MEDIA VOLUME M ³ (FT ³)	SHIPPING WEIGHT KG (LBS)	OPERATING WEIGHT KG (LBS)
302	510 - 1,020 (300 - 600)	1.5 (2.0)	0.5 (18)	354 (780)	680 (1,500)
403	1,020 - 2,040 (600 - 1,200)	3.7 (5.0)	1.0 (36)	590 (1,300)	1,633 (3,600)
504	1,700 - 3,400 (1,000 - 2,000)	5.5 (7.5)	1.7 (60)	998 (2,200)	2,722 (6,000)
605	2,550 - 5,100 (1,500 - 3,000)	7.5 (10.0)	2.5 (90)	1,043 (2,300)	3,629 (8,000)
706	3,570 - 7,140 (2,100 - 4,200)	9.3 (12.5)	3.6 (126)	1,451 (3,200)	5,035 (11,100)
807	4,760 - 9,520 (2,800 - 5,600)	11.2 (15.0)	4.8 (168)	2,041 (4,500)	6,804 (15,000)



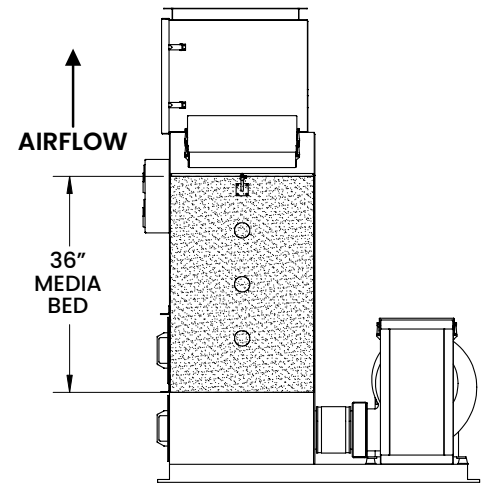
ISOMETRIC VIEW



FRONT VIEW



PLAN VIEW



RIGHT VIEW

MEDIA BED INDICATOR

This system is equipped with a silver Media Bed Indicator. The device is positioned inside the system at an angle against the direction of airflow to detect the expiration level of the media.

- Dark coloration on the device indicates where media has been consumed. Once 75% of the device is discolored, contact the factory to replace the media to ensure proper functioning of the system

