

ULTRA-WEB®
High Efficiency Nanofiber Filters Built to Last

Cartridge filtration technology that adds economic value and recovers valuable dust.

- Efficient, compact design for applications involving silos, storage bins, or conveyor transfer points.
- Available as plenum-mounted and insertable cabinets to keep the profile low.
- Units are easily installed on bins or silos, eliminating ductwork and reducing installation expenses.
- Standard Ultra-Web® cartridge filters, with nanofiber technology, provide higher filtration efficiency and longer filter life.
- MERV* 13 filtration efficiency per ASHRAE 52.2-2007.
- Choice of filter cartridges provide high filtration efficiency for a wide variety of applications.



TBV-4 with Plenum

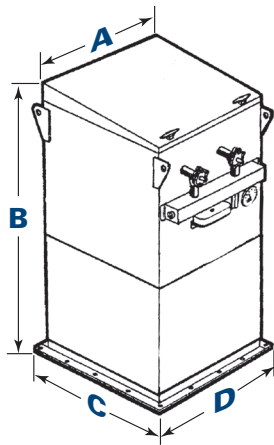
Designed for easy filter service and maintenance—no tools required

- Easy filter removal and replacement from clean air side makes it unnecessary to enter the silo or storage container.
- Continuous-duty, on-demand pulse cleaning provides uninterrupted service and keeps filters clean for a long time.

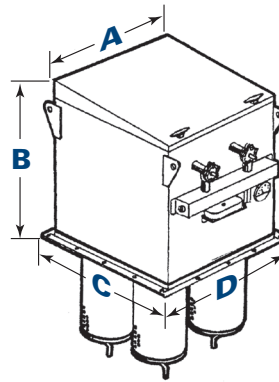
* The Minimum Efficiency Reporting Value (MERV) of this filter cartridge has been determined through independent laboratory testing using ASHRAE 52.2 (2007) test standards. The MERV rating was determined at a face velocity of 118 feet per minute and loading up to four inches water gauge. Actual efficiency of any filter cartridge will vary according to the specific application parameters. Dust concentration, airflow, particle characteristics, and pulse cleaning methods all affect filtration efficiency.

BIN VENT DUST COLLECTOR

DIMENSIONS & SPECIFICATIONS



Plenum



Insertable

Models	Filter Area (ft ²)			No. of Cartridges	No. of Valves	Dimensions (inches)					Shipping Weight (lbs)	
	Ultra-Web	Fibra-Web Ultra-Tek	Torit-Tex			B			C	D	Plenum	Insertable
						A	Plenum	Insertable				
TBV-2	452	220	100	2	2	34.6	53.6	33.1	24.2	37.5	441	377
TBV-4	904	440	200	4	2	34.6	54.6	34.1	35.4	37.5	702	627
TBV-6	1,356	660	300	6	3	51.9	54.6	34.1	35.4	54.7	792	702

STANDARD FEATURES & AVAILABLE OPTIONS

STANDARD	OPTIONAL
Ultra-Web [®] cartridge	Insertable or plenum style
Magnehelic ^{®*} gauge	Cartridges <ul style="list-style-type: none"> • Ultra-Web[®] FR • Ultra-Tek[®] <ul style="list-style-type: none"> • Fibra-Web[®] & Fibra-Web FR • Torit-Tex[™]
NEMA 4 enclosure	Weatherhood
10-year warranty	1, 2, 3, and 5 hp fans
	Dampers
	Chamber silencers
	Photohelic ^{®*} gauge
	NEMA 9 enclosure
	Hostile environment coating

* Magnehelic and Photohelic are registered trademarks of Dwyer Instruments, Inc.

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Data Sheet Bin Vent Dust Collectors (08/11)

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