

## BH® Series Cyclonic Baghouses/Collector Devices



BH Series Cyclonic Baghouses/Collector Devices are configured in modular format for matching to Vector Technologies PM Series Power Modules or alternative vacuum sources to meet specific filtration and unload requirements. Units are set on legs at customer designated heights feature tangential inlets, deflector plates, removable wear plates, pulsed-cleaned Teflon coated filters, plus magnehelic gauges for filter monitoring.

BH Series Cyclonic Baghouses/Collector Devices are available in 44", 54", 72", 92" and 108". Sizing will be determined by the vacuum airflow and product specific requirements.

The standard baghouse configuration features a gravity dump door. The dump door opens for unloading upon vacuum break, controlled by timers either on the vacuum source or on the baghouse. Special unloader valves for continuous vacuuming, including rotary valves, double dump or posi-seal valves, are additionally offered.

Other available options include vacuum break timers, stainless steel cylinders and cones, explosion venting, special unloader valves, high temperature packages, hydraulically raised legs, sloped cones, air cannons, augers or other discharge enhancements, and special coatings for corrosive materials.

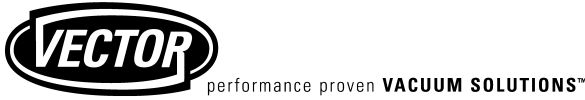
### **DELIVERING MORE EFFICIENCY, FLEXIBILITY AND POWER**

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The BH Series two-stage collection system consists of a cyclone collector having a tangential inlet and a conical storage area. A baghouse for final filtration of particulate is an integral part of the collection module. The baghouse features a replaceable inlet pipe, replaceable external wear plate, internal replaceable wear plates, upper deflectors, and a lower deflector ring. Removable wear plates are provided on the complete inside circumference of the cylinder for protection against material erosion, with the first 70° replaceable from the outside. A 50° circumferential deflector plate is provided to protect the filter bags from particles entering the cyclone collector. The bag collector has Teflon coated seam sealed felted polypropylene bags rated for 180° F, and is continuously cleaned by reverse pulses of air while unit is in operation. Standard system includes air reservoir, solenoids and diaphragm valves and a sequential timer, utilizing customer supplied air (13.1 ACFM at 90 PSIG requirement) for filter pulsing. An integrated air compressor unit is available as an option. A magnehelic gauge is mounted on the collector, to show the pressure drop across the filter bags.

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#### STANDARD DETAILED SPECIFICATIONS:

**BAGS** Kleanprop-Coated filter bags. Bag length and filter area as noted below.

**WEAR SURFACES** The wear section consists of a replaceable inlet pipe (4", 5" or 6"), replaceable external wear plate, internal replaceable wear plates, upper deflectors, and a lower deflector ring.

MODEL SPECIFICATIONS:	BH 44	BH 54	BH72
Total Filters	23	37	61
Filter Length	28"	36"	40"
Media Per Filter	2.98 ft <sup>2</sup>	4.22 ft <sup>2</sup>	6.15 ft <sup>2</sup>
Total Filter area	68.54 ft <sup>2</sup>	156.14 ft <sup>2</sup>	375.15 ft <sup>2</sup>
Recommended inlet size	4"	5" or 6"	6" or 8"
Recommended Outlet Size	5"	5" or 6"	6" or 8"
Usable Storage (Standard)*	1/2 yd <sup>3</sup>	3/4 yd <sup>3</sup>	1.5 yd <sup>3</sup>
Length	71.25"	81.00"	128".00
Width	71.25"	75.00"	128".00
Height**	114.75"	115.00"	175.00"
Weight	2,380 lbs	4,000 lbs	5,700 lbs
Vacuum Rated	Full Vacuum	Full Vacuum	Full Vacuum
Recommended Maximum CFM for Fine Dry Bulk Materials	2,400	3,700	6,000

\* Standard storage noted. Storage can be increased using a "Dutchman" section, increasing baghouse height but not diameter.

\*\* Height as noted is for baghouse with standard gravity dump valve, without legs. Leg heights are customer designated.

Visit our website at [www.vector-vacuums.com](http://www.vector-vacuums.com) or call to learn more about Vector and its wide array of vacuum products.

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