



## Bin Vents

The Intercept BV Bin Vent Dust Collector efficiently retains bin and silo dust from escaping into the atmosphere. ProVent Bin Vents utilize pulse filter cleaning to maintain airflow and filter longevity.

### Standard Features

- **Continuous Pulse Filter Cleaning**  
Static pressure is monitored and the cartridge filters pulsed clean when necessary
- **All Welded Heavy Sheet Steel**  
12 Gauge Steel will stand up to years of daily abuse
- **Filter Racking System**  
Provides a tight and even seal between the filter and fan assembly
- **Vertically Mounted Filters**  
Vertically mounted filters clean better when pulsed allowing gravity to settle particulate to the bottom of the dust collector.
- **Urethane Mastic External Coating**  
Durethane DTM by PPG chemically resistant and extremely durable. Provides excellent corrosion resistance with superior color and gloss retention.
- **Welded Couplings**  
.5" NPT for fire control equipment.

### FILTRATION OPTIONS

#### FIRE RETARDANT NANO WEB

Our standard filter. Protects from errant sparks making contact with the filter and causing a fire. Able to capture smoke and fumes with particle size down to **.3** micron in size.

#### NANO WEB

Nano Web filter cartridges are able to capture smoke and fumes with particle size down to **.3** micron in size.

#### FIRE RETARDANT

Protects from errant sparks making contact with the filter and causing a fire. Efficient for grinding and sanding dusts > 3 micron.



# Specifications

	BV-2	BV-4	BV-6	BV-8
Maximum Air Flow (CFM)	1,200	2,500	4,000	6,000
Total SP (in. Wg) (Fan Assist)	3"	3"	3"	3"
TEFC Motor, HP (Fan Assist)	2	3	5	7.5
Motor / Fan RPM (Fan Assist)	3600	3600	3600	3600
Primary Voltage (Pulses Controller)	110V Single Phase			
Fan Assist Voltage	460 Volt 3 Phase 60 Hertz			
Motor Full Load Amps (Fan Assist)	3.4	7.6	11	21
Fan Type (Fan Assist)	Direct Drive, Backward Inclined Welded Mild Steel Fan			
Housing Construction	12 Gauge, Solid Welded			
Filter Media Sq. Ft.	589	1,178	1,767	2,651
Air To Cloth Ratio	2.04	2.12	2.26	2.26
Filter Media Std.	NANO Web Fire Retardant MERV 15 Filter - 95% Efficient down to .3 micron			
Filter Cartridge	12.75" x 34" W/ 14" x 16" Top Flange			
Number of Filters	2	4	6	8
Pulse Valves	(1x) Enclosed Timer with Differential Pressure Switch	(2x) Enclosed Timer with Differential Pressure Switch		(3x) Enclosed Timer with Differential Pressure Switch
Pulse Timer	(IP65) 115V, Single Phase. Includes Digital OP Gauge.			
Filter Racking	Vertically Mounted Filters. Sealing Via Dual Rail 'Single Push' Cam Locking Assembly			
Compressed Air	80-90 PSI Required Hook Up: 1" NPT Coupling			
External Coating	Durethane DTM By PPG: Urethane Mastic Coating. Color: Vent Blue			
Fire Control	(2X) .5" NPT Fittings Welded into Housing for the Connection of Fire Control Equipment		(4X) .5" NPT Fittings Welded into Housing for the Connection of Fire Control Equipment	