INTERCEPT
BV Series

**Bin Vent
Dust Collector**

The Best Built Bin Vent on the Market!

Continuous Pulse Filter Cleaning

Vertically Mounted Filters

Welded Couplings (1" NPT) for Fire Control Equipment

NANO Web Fire Retardant Filters - MERV 15 Efficiency

Sizes range from 1,200 - 6,000 CFM

Single throw filter seal technology prevents particulate bypass and makes filter changes simple.

INTERCEPT BV 1,200 - 6,000 CFM

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.

(BV-4 2,500 CFM)

BV Optional Items

Fan Assist - Motor / Fan Package for Continuous Air Flow
Mating Flange - Easily Mount Dust Collector to Silo
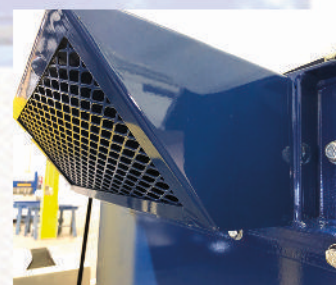Weather Termination Hood
Safety Screen - Prevents Tools / Large Items From Dropping Into Silo
Wide Pleat Filter Option - Better Release of Particulate for Fine Dust Applications
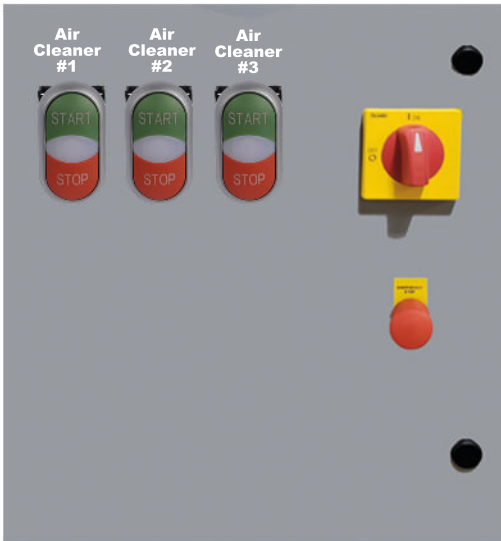Explosion Vent - Safety Compliance
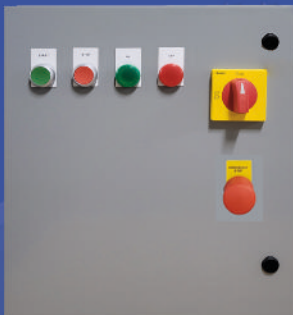
Explosion Vent

Weather Hood

Specifications

	BV-2	BV-4	BV-6	BV-9
Air Flow (CFM)	1,200	2,500	4,000	6,000
Air To Cloth Ratio	2.55	2.66	2.83	2.84
Housing Construction	12 Gauge, Solid Welded			
Filter Media Sq. Ft.	470	940	1,410	2,115
Filter Media Std.	NANO FIBER - FIRE RETARDANT - MERV 15 EQUILIVANT			
Filter Cartridge	12.75" x 34" W/ 14" x 16" Top Flange			
Number of Filters	2	4	6	9
Pulse Valves	1	2	2	3
Pulse Timer	E2T Differential Pressure Pulse Controller with Digital Display, 115V, Single Phase. Shipped Loose			
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	

MULTI-UNIT Control

Centralized Control of 2 to 8 Air Cleaners

Enclosure NEMA Type 3R, 4, 12 and Type 13

Enclosure UL Listed Type 3R, 4 and 12

Start / Stop for Each Air Cleaner

E-Stop

Indicator Lights

Rotary Disconnect

Combination Starter for SINGLE Unit Control

Controls 1 Air Cleaner
Start / Stop with Function Lights
Rotary Disconnect
Enclosure NEMA Type 3R, 4, 12 and Type 13
Enclosure UL Listed Type 3R, 4 and 12
E-Stop

Across-The-Line Starter for SINGLE Unit Control

Controls 1 Air Cleaner

Start / Stop Selection Switch

Phase Sensitive

Thermal Trip

Magnetic Trip

AccuPulse CONTROLS

AccuPulse Combination Control Panels by ProVent

NEMA 3R/4/12 Enclosure

Face Mounted Rotary Disconnect

PLC - **ProVent** Advanced Pulse Controls

Stack Light with Audio and Visual Alarm

E-Stop - Safe and Quick Emergency Disconnection of Power

24v DC Components - For Safety, Reliability and Compliance

7 Inch HMI Touchscreen - Start / Stop, Fault Reporting, Pulse Controls

Optional Connection to Accept Start / Stop Signal from Remote Device

ProVent's proprietary computerized pulse control is designed to provide the most consistent airflow and filter longevity.

AccuPulse PRO

Large 10 Inch Touchscreen Controls

Variable Frequency Drive

Integrated Pulse Controller

PID Loop - Controls Fan RPM for Consistent Air Flow

Detailed Fault Reporting

Real-Time Operating Statistics

Ready to Accept Start / Stop Signal from Remote Device

✓INLET PRESSURE   ✓FAN HZ   ✓dP ACROSS FILTERS

ProVent

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