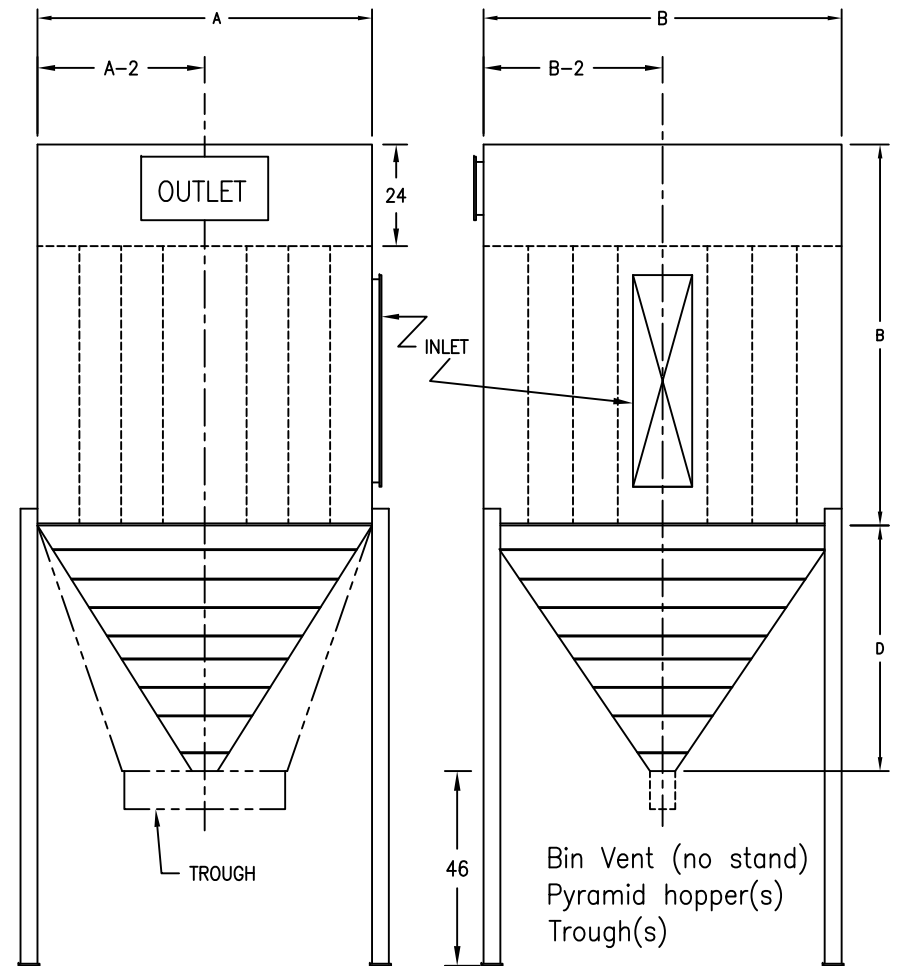


MODEL	VOLUME SCFM	A	B	C	D	HOPPER	# OF BAGS/ LENGTH	INLET H x W	OUTLET H x W	COMPRESSED AIR CONSUMPTION (3) scfm
DOUBLE WIDTH - 8 FOOT BAG										
120VD-8	29,000	98	144	120	76	(1)	120/96	54x28	2-54x14	6.00 - 12.00
144VD-8	35,000	117	144	120	56	(2)	144/96	56x32	2-56x16	7.20 - 14.40
168VD-8	40,000	136	144	120	56	(2)	168/96	68x32	2-68x16	8.40 - 16.80
192VD-8	46,000	155	144	120	60	(2)	192/96	76x32	2-76x16	9.60 - 19.20
DOUBLE WIDTH - 10 FOOT BAG										
168VD-10	58,000	136	144	144	56	(2)	168/120	2-54x28	2-76x20	11.76 - 23.52
192VD-10	67,000	155	144	144	60	(2)	192/120	2-56x28	2-85x20	13.44 - 26.88
216VD-10	75,000	174	144	144	67	(2)	216/120	2-58x28	2-90x20	15.12 - 30.24
240VD-10	83,000	193	144	144	75	(2)	240/120	2-58x32	2-98x20	16.80 - 33.60
264VD-10	91,000	212	154	144	82	(2)	264/120	2-64x32	2-104x20	18.48 - 36.96
288VD-10	100,000	231	154	144	90	(2)	288/120	2-70x32	2-112x20	20.16 - 40.32

(1) TROUGH OR TWO PYRAMIDS
(2) TWO TROUGHS OR FOUR PYRAMIDS
(3) COMPRESSED AIR USED FOR A DUST LOADING OF 2-8 GRAINS PER CU.FT.

ALL DIMENSIONS IN INCHES

- 12 gage painted steel construction, SSPC-SP3 power-tool cleaned, epoxy primed and exterior finish coat of medium-dark brown paint,
- 6" diameter, 16 oz. singed or acrylic coated polyesterfelt bag filter element with positive sealing rubber ring (other medias available for specific applications)
- Central high inlets allow for ideal dust and gas distribution lowering any abrasive tendencies and producing zero upward "can" velocity.
- 60deg. Pyramidal hoppers or troughs provided for dust collection.
- The collector is designed to run at only 1.5 - 2.5 inch WG pressure drop at filter ratios up to 18:1.
- Automatic self-cleaning advanced technology "high-ratio" reverse jet pulse. CLEANS ENTIRELY ON-LINE, requiring no shutdown for after-pulse cleaning. Also reduces explosion & fire hazard. The system is computer designed with supersonic converging-diverging to use 40% less compressed air, while optimizing the cleaning pulse to provide maximum cleaning flow and even distribution over the entire filter media surface. Diaphragm valves rated at 125% of required flow to ensure proper back-flush volume. Pulse sequencer supplied in NEMA 4 enclosure.
- Top-removal bags and cleaning system components are mounted in a trough at the top-center of the collector. This allows quick and easy inspection and servicing without precarious position for the operating personnel. No special platforms are required for valve access. Valves are protected from wind and elements. Hinged doors provide easy access.
- OPTIONS: Motor starter & disconnect in control panel, explosion vents, rotary air-locks, handrails, open or caged ladders, 45 gallon drum lid kits (drum not supplied), manifold heaters and automatic drain valve system, and others on demand.



ISO 9001:2000 FM62595 CWB certified

QAM reserves the right to change design and specifications without notice.

COMPANY:		
QUALITY AIR MANAGEMENT CORP.		
TITLE:		
"BV" SERIES DUST COLLECTOR		
DWG.No.	BV-002	REV. No. 1
DATE:	09/18/05	DATE: 09/21/05
SCALE:	NOT TO SCALE	DRAWN BY: SMW