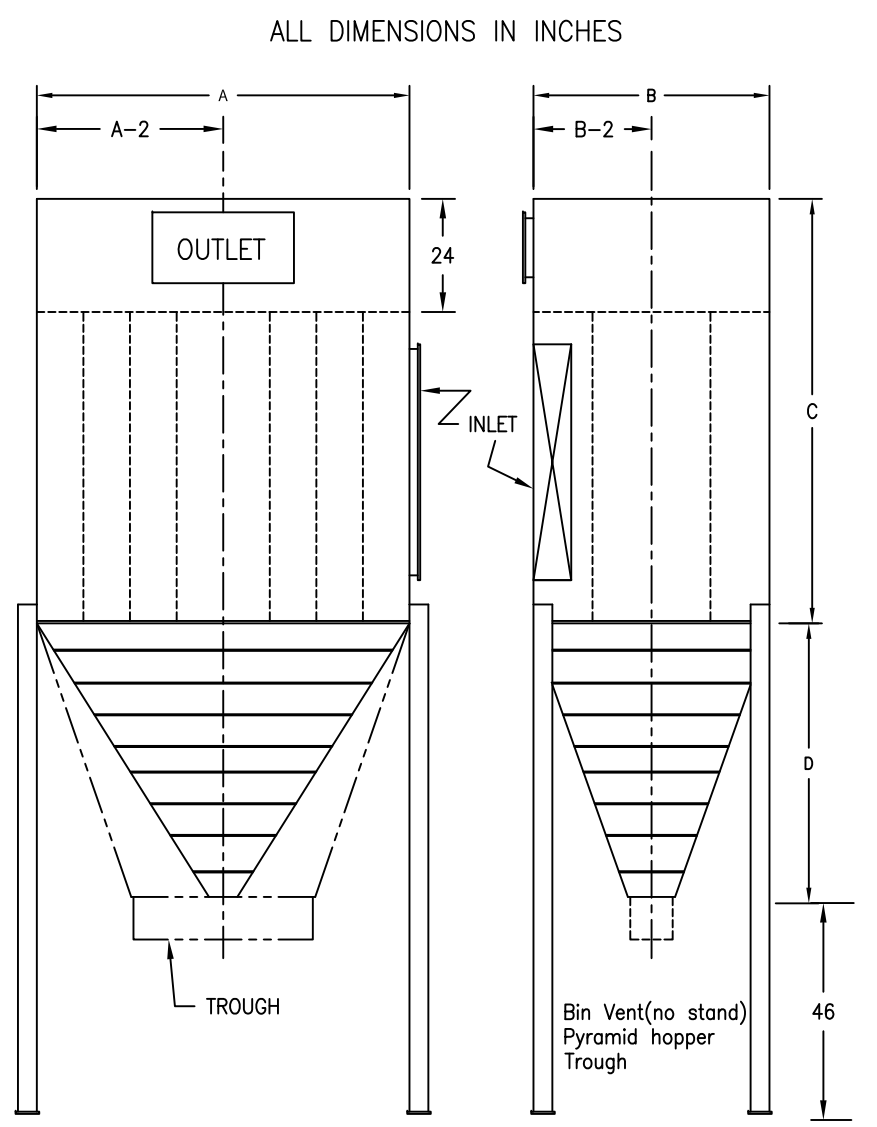


MODEL	VOLUME SCFM	A	B	C	D	HOPPER	# OF BAGS/ LENGTH	INLET H x W	OUTLET L x H	COMPRESSED AIR CONSUMPTION(3) scfm
SINGLE WIDTH - 5 FOOT BAG										
36VS-5	5,700	60	66	90	52	pyramid	36/66	32x10	32x10	1.12 - 2.24
48VS-5	7,500	79	66	90	62	pyramid	48/66	40x10	40x10	1.49 - 2.98
60VS-5	9,500	98	66	90	76	pyramid	60/66	48x12	34x16	1.86 - 3.72
xxxx	xxxx	xxx	xx	xx	xx	xx	xxx	xxx	xxx	xxx
SINGLE WIDTH - 8 FOOT BAG										
36VS-8	8,600	60	72	120	56	pyramid	36/96	32x14	32x14	1.80 - 3.60
48VS-8	11,500	79	72	120	62	pyramid	48/96	42x14	42x14	2.40 - 4.80
60VS-8	14,500	98	72	120	76	pyramid	60/96	54x14	54x14	3.00 - 6.00
72VS-8	17,200	117	72	120	56	(1)	72/96	56x16	56x16	3.60 - 7.20
84VS-8	20,000	136	72	120	56	(1)	84/96	68x16	68x16	4.20 - 8.40
96VS-8	23,000	155	72	120	60	(1)	96/96	76x16	76x16	4.80 - 9.60

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

- 12 gage painted hot rolled steel construction, SSPC-SP3 power-tool cleaned, epoxy primed and exterior finish coat of medium-dark brown paint,
- 6 inch diameter, 16 oz. singed or acrylic coated polyesterfelt bag filter element with positive sealing rubber ring (other medias available for specific applications)
- High side inlet 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-001	REV. No. 1
DATE:	09/18/05	DATE: 09/21/05
SCALE:	NOT TO SCALE	DRAWN BY: SMW