



Aircon Corporation

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Compressed Air Square "BV" BIN VENTS

EFFECTIVE:
 January 1, 2001

SUPERSEDES: January 1, 2000

STANDARD FEATURES

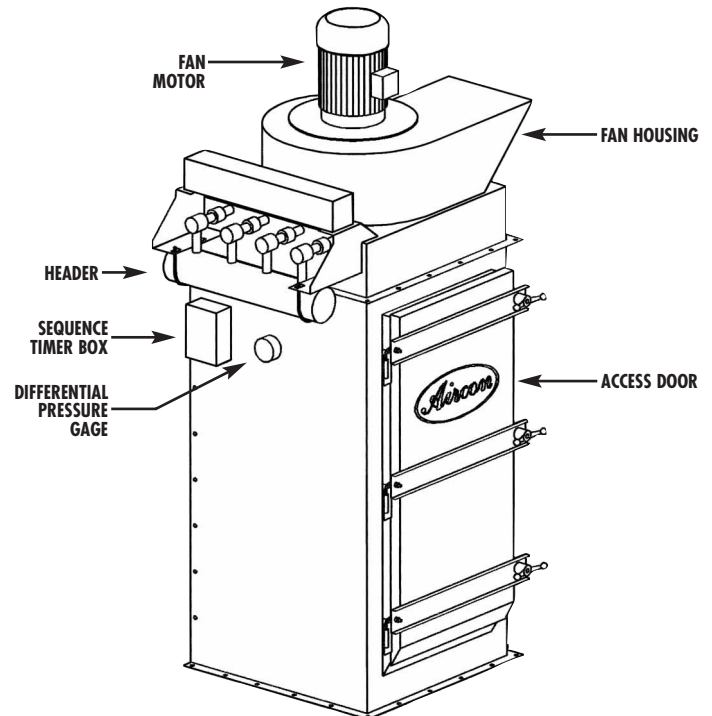
- 12 gauge mild steel bolted construction to operate up to +/- 17" [wg]
- Lifting lugs on clean air plenum
- 4" or 6" SCH 40 pipe header for compressed air reservoir
- Internal compressed air hard piping
- 3/4" or 1" diaphragm valves
- Blower outlet and header orientation per job
- NEMA 4 sequence timer enclosure
- 3/4" NPT thermocouple coupling in plenum
- Magnehelic® differential pressure gauge
- Unit painted Aircon gray with rust-inhibitive primer on both interior and exterior surfaces
- Fabricated grating in bottom of unit to facilitate bag removal
- 16 oz. singled polyester, copper wire grounded, bottom-removal bags with quick-release, stainless steel clamp bands
- Bottom-removal galvanized bag cages with aluminum venturies
- Hinged access door on side wall
- Two sets of installation & maintenance manuals

OPTIONAL FEATURES

- Explosion relief panels
- NEMA 9 explosion-proof solenoids, motors, and enclosures
- Other types of filter media
- Epoxy paint or regular paint per specified color
- Thermocouple to monitor temperature of discharge air
- Photohelic® differential pressure gauge
- Compressed air header service platform
- Stainless steel or epoxy-coated carbon steel bag cages
- Sprinkler system installed in plenum

OPERATING REQUIREMENTS

- 115 VAC, 60 Hz. single phase current required for sequence timer with adjustable on time (0.05 to 0.50 sec.) and off time (1.5 to 30 sec.)
- 230/460 VAC, 60 Hz. three phase current required for TEFC motor mounted on top of fan housing
- 90 to 100 PSIG clean, dry, uncontaminated compressed air supply required



Model #	Number of Bags	Length of Bags	Filter Media Cloth Area (sq. ft.)	Compressed Air Required (SCFM)	Shipping Wt. (w/o Options) (lbs.)	CAPACITY (cubic feet air/min.) at given pressures (INCHES WATER GAGE)			MAXIMUM at can Velocity 400 feet/min.
						4"	5"	6"	
BV 9-4	9	4'-0"	54.2	3.8	610	930	776	560	1400
BV 9-6	9	6'-0"	81.3	3.8	720	1367	1141	823	1400
BV 16-4	16	4'-0"	96.3	5.1	830	1620	1365	985	2100
BV 16-6	16	6'-0"	145	5.1	1070	1850	1560	1125	2100
BV 16-8	16	8'-0"	193	5.1	1220	2073	1756	1267	2100
BV 25-6	25	6'-0"	226	6.4	1350	2360	2196	2022	3400
BV 25-8	25	8'-0"	301	6.4	1560	3147	2928	2697	3400
BV 36-6	36	6'-0"	325	7.7	1980	3670	3544	3425	5200
BV 36-8	36	8'-0"	434	7.7	2210	4545	4390	4240	5200
BV 36-10	36	10'-0"	542	7.7	2420	5420	5234	5057	5200
BV 49-6	49	6'-0"	443	8.9	2400	5810	5608	5420	7000
BV 49-8	49	8'-0"	590	8.9	2690	6520	6280	6070	7000
BV 49-10	49	10'-0"	738	8.9	2970	7200	6950	6720	7000

Information on this page for quotation purposes only, not for construction unless certified. Data subject to change without notice. All dimensions are in inches unless noted.

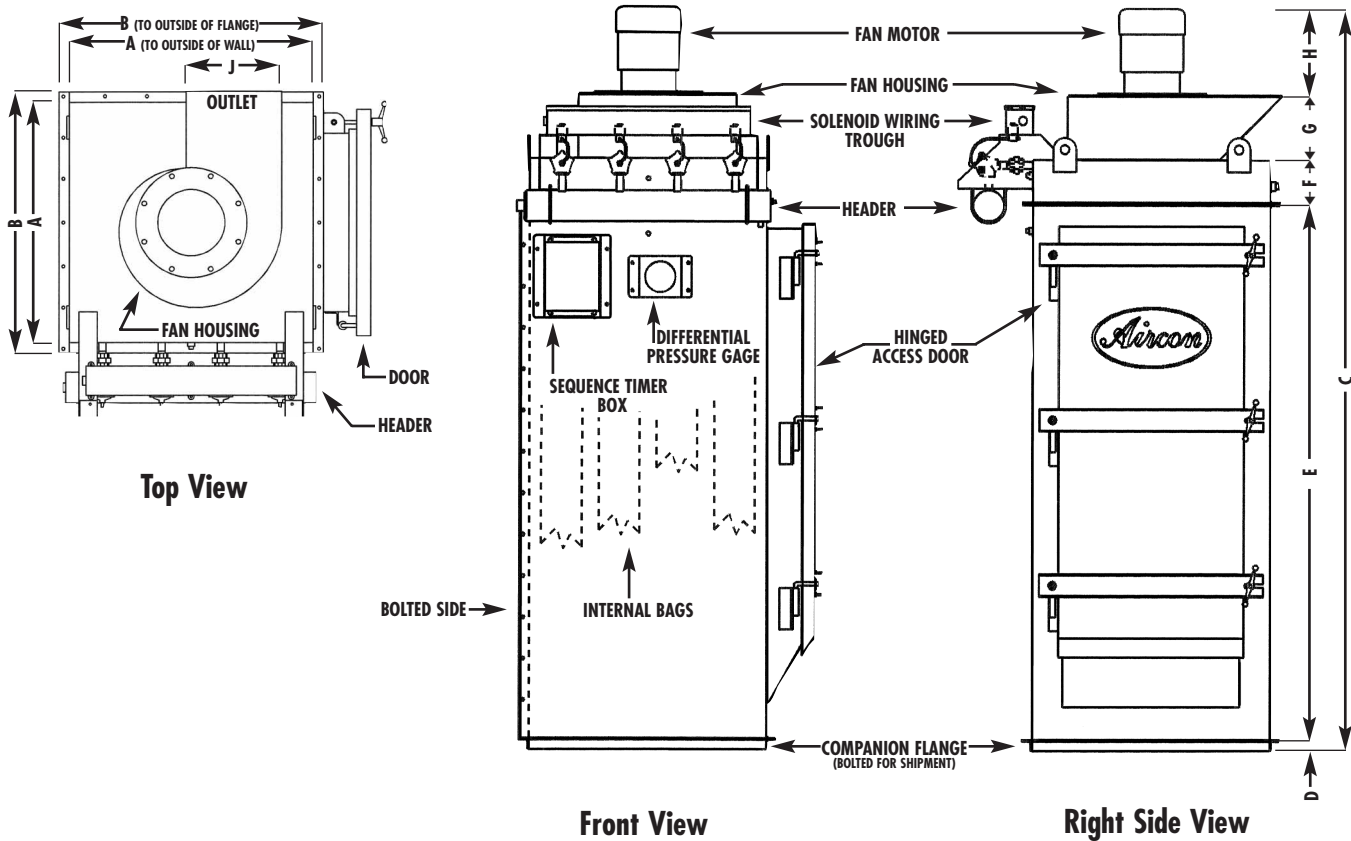


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Model #	A	B	C	D	E	F	G	H	J	Motor Size HP
BV 9-4	27"	30"	6'-8 1/8"	1 1/2"	54"	6 1/2"	7 15/16"	10 3/16"	13 3/4"	2
BV 9-6	27"	30"	8'-8 1/8"	1 1/2"	6'-6"	6 1/2"	7 15/16"	10 3/16"	13 3/4"	2
BV 16-4	35"	38"	7'-0 1/8"	1 1/2"	54"	6 1/2"	9 13/16"	12 5/16"	13 3/4"	3
BV 16-6	35"	38"	9'-0 1/8"	1 1/2"	6'-6"	6 1/2"	9 13/16"	12 5/16"	13 3/4"	3
BV 16-8	35"	38"	11'-0 1/8"	1 1/2"	8'-6"	6 1/2"	9 13/16"	12 5/16"	13 3/4"	3
BV 25-6	44"	47"	9'-0 1/4"	1 1/2"	6'-6"	6 1/2"	8 15/16"	13 5/16"	16 7/8"	5
BV 25-8	44"	47"	11'-0 1/4"	1 1/2"	8'-6"	6 1/2"	8 15/16"	13 5/16"	16 7/8"	5
BV 36-6	54"	57"	10'-0 3/4"	1 1/2"	6'-6"	12"	13 3/8"	15 7/8"	20 1/2"	10
BV 36-8	54"	57"	12'-0 3/4"	1 1/2"	8'-6"	12"	13 3/8"	15 7/8"	20 1/2"	10
BV 36-10	54"	57"	14'-0 3/4"	1 1/2"	10'-6"	12"	13 3/8"	15 7/8"	20 1/2"	10
BV 49-6	5'-4"	5'-8"	10'-3 5/8"	2"	6'-6"	12"	14 3/8"	17 1/4"	20 1/2"	15
BV 49-8	5'-4"	5'-8"	12'-3 5/8"	2"	8'-6"	12"	14 3/8"	17 1/4"	20 1/2"	15
BV 49-10	5'-4"	5'-8"	14'-3 5/8"	2"	10'-6"	12"	14 3/8"	17 1/4"	20 1/2"	15

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