

# BOONE AERATION & ENVIRONMENTAL CORP.



The VSD series of bin vent pulse jet filters is an excellent method to vent silos being filled by pneumatic systems or from bulk trucks. The units are available in two styles and are often equipped with the optional integral direct drive blower. The blower will provide vacuum for silos that may not be sealed. Applications include, feed ingredients, flour, chemicals, and cement.



*Special Designs*

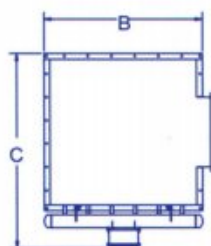


# VSD Pulse Jet Filters



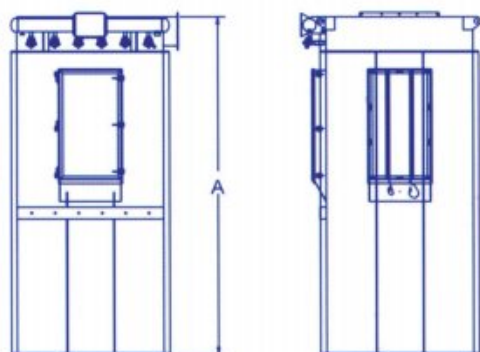
## OPTIONS

- Catwalk and access ladder
- Explosion relief panel(s)
- Photohelic gauge 0-10" S.P.W.G.
- Special filter bag materials
- Stainless steel construction
- Special paints or coatings



## STANDARD SPECIFICATIONS

- 12 ga. carbon steel construction
- 17" W.G. rated
- 120 V timer board in Nema 4 enclosure
- Goyen diaphragm valves
- Compressed air header with drain
- Magnehelic gauge 0-10" S.P.W.G.
- Flanged inlet, outlet and body
- High performance bag venturis
- Galvanized bag cages
- 16 oz. singed polyester filter bags
- Stainless steel bag clamps



## Integral Blower specifications

Airflow in CFM at static pressure of

FAN MODEL	RPM	Hp.	4"	5"	6"
806 N	3450	1.5	650	550	450
806 F	3450	2	900	770	630
807 N	3450	3	1020	930	830
122 BC - .64	3450	2	1725	1575	1350
122 BC - 1.0	3450	3	2800	2470	2200
135 BC - .55	3450	3	2200	2000	1900
135 BC - 1.0	3450	5	3925	3650	3425
150 BC - .58	3450	5	3325	3075	2925
150 BC - .83	3450	7.5	4700	4475	4200
150 BC - 1.0	3450	10	5550	5350	5125
165 BC - .76	3450	10	6000	5725	5375
165 BC - 1.0	3450	15	8000	7500	7250
182 BC - .66	3450	15	7550	7275	6825
182 BC - .90	3450	20	9500	9320	9080

## VSD Pulse Jet Filter specifications

MODEL	BAG NO.	BAG LENGTH	CLOTH AREA	A	B	C	WT (LBS)
9-VSD-4	9	4	60	69 1/2	30	44	415
9-VSD-6	9	6	90	93 1/2	30	44	538
9-VSD-8	9	8	120	117 1/2	30	44	660
16-VSD-4	16	4	107	69 1/2	38	52	581
16-VSD-6	16	6	160	93 1/2	38	52	756
16-VSD-8	16	8	213	117 1/2	38	52	932
25-VSD-4	25	4	167	69 1/2	46	60	736
25-VSD-6	25	6	250	93 1/2	46	60	953
25-VSD-8	25	8	333	117 1/2	46	60	1171
36-VSD-4	36	4	240	69 1/2	54	68	934
36-VSD-6	36	6	360	93 1/2	54	68	1212
36-VSD-8	36	8	480	117 1/2	54	68	1491
49-VSD-4	49	4	327	69 1/2	62	75	1120
49-VSD-6	49	6	490	93 1/2	62	75	1450
49-VSD-8	49	8	653	117 1/2	62	75	1779
64-VSD-4	64	4	427	69 1/2	70	84	1351
64-VSD-6	64	6	640	93 1/2	70	84	1749
64-VSD-8	64	8	853	117 1/2	70	84	2147

NOT FOR CONSTRUCTION

## Boone Aeration & Environmental Corp.

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