

Model	CFM	Static Pressure	HP	A'	B'	C'	D'	**E	**F'	G'	Number of Hoppers
JPSMA-4D16	11,200	8"/10"	25/25	12'-2"	6'-0"	5'-6"	12'-1"	7'-7"	6'-6"	5'-12"	1
JPSMA-5D20	14,000	8"/10"	30/30	15'-4"	6'-0"	6'-9"	12'-5"	7'-7"	6'-6"	7'-2"	1
JPSMA-5D25	17,500	8"/10"	40/40	15'-4"	7'-6"	6'-9"	13'-7"	8'-11"	7'-12"	7'-2"	1
JPSMA-5D30	21,000	8"/10"	40/50	15'-0"	9'-0"	6'-9"	15'-8"	11'-0"	9'-6"	7'-2"	2
JPSMA-5D35	24,500	8"/10"	50/60	15'-11"	10'-6"	6'-9"	12'-1"	8'-9"	10'-12"	7'-2"	2
JPSMA-5D40	28,000	8"/10"	60/60	15'-10"	12'-0"	6'-9"	15'-8"	11'-1"	12'-6"	7'-4"	2
JPSMA-5D45	31,500	8"/10"	60/75	15'-10"	13'-6"	6'-9"	13'-3"	8'-9"	13'-12"	7'-2"	2
JPSMA-5D50	35,000	8"/10"	75/75	15'-10"	15'-0"	6'-9"	12'-10"	8'-11"	15'-6"	7'-2"	2
JPSMA-5D55	38,500	8"/10"	75/100	15'-11"	16'-6"	6'-9"	12'-1"	7'-7"	16'-12"	7'-2"	3
JPSMA-5D60	42,000	8"/10"	75/100	16'-5"	18'-0"	6'-9"	11'-8"	7'-7"	18'-6"	7'-2"	3

* Note: All Fans over 30 HP will be mounted on the floor
 ** Note: For optional rotary valve add 14" to dimensions 'A', 'D' and 'E'

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JPSM/JPSMA Slide-In Cartridge

Dust Collectors

Service

- Standard spare parts are available from our many service centers across North America including Mexico.
- Service and maintenance contracts available.
- Technical support available.

For more information please contact:

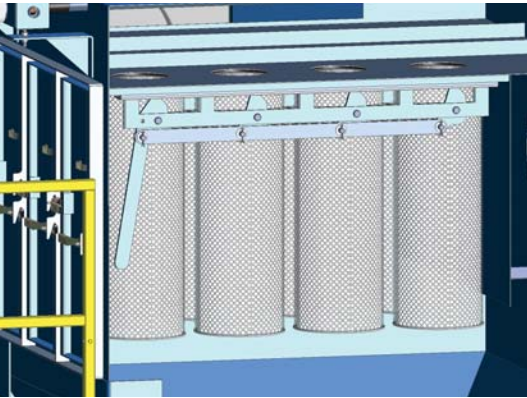
Wheelabrator Equipment Sales
 1219 Corporate Drive
 Burlington, Ontario L7L 5V5 • Canada
 (800) 845-8508 • (905) 319-7930
 Fax: (905) 319-7561

Wheelabrator Parts, EMP and Service
 1606 Executive Drive
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 (800) 544-4144 • (706) 884-6884
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Features

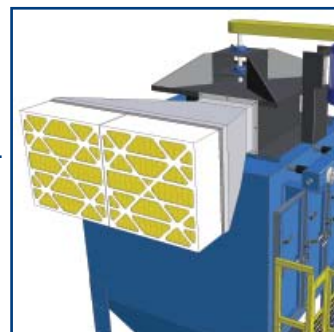
- Housing is designed for 20" w.g.
- Slide in cartridge filters with (tool free) locking/releasing mechanisms for easy quick filter replacement with minimum maintenance.
- Open pleat design of cartridges for superior filtering for extended life.
- High energy pulse cleaning systems with square header for extra compressed air storage.
- Diaphragm valve controlled by solenoid to ensure consistent cleaning action.
- 12 gauge reinforced H.R. steel casing with airtight welded construction provides optimum durability designed for long lasting, trouble free operation.
- 3/16" tube sheet
- Quick release (tool free) access doors provide fast and easy cartridge removal.
- Light and easy to handle filter elements
- Energy efficient design ensured lower operating cost.
- Baffled inlet ensures quiet operation.
- Flex connection and drum lid cover at hopper discharge.
- Compact design saves space.
- Easy inspection and maintenance access
- Factory assembled for minimum of site work.
- NEMA 4 electrical enclosure for solid state timer
- JPSM units supplied with 36" long filter elements.
- JPSMA units supplied with 52" long filter elements.



Optional Accessories:

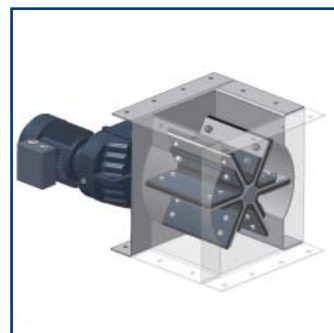
After Filters & Transition

The filter housing and transition is constructed of light gauge steel and is flanged to bolt directly to the fan. The after filter assembly includes 24" x 24" x 12" (95% efficient at 1 micron) filters, each with their own frame and spring lock mechanism. (Hepa filters, 99.7% efficient at 0.3 microns can be provided upon request). A magnehelic gauge is provided to monitor filter resistance.



Rotary Airlock Valve

A fabricated, 6 vane direct drive rotary valve provides continuous discharge of fines accumulating in the dust collector hopper. The rubber tipped vanes provide an efficient airlock as well as smooth operation. (Cast iron units can be provided upon request)



Access Ladder & Platform

Ladders and platforms are of rigid construction to provide access to service the dust collector cartridges. They come complete with bargrating to prevent slippage, handrails, kick plates, and a swing gate. The platform is cantilevered off the collector legs to provide clear access on the floor for towmotors, pump trucks, etc. The platforms meets the current OSHA guidelines.



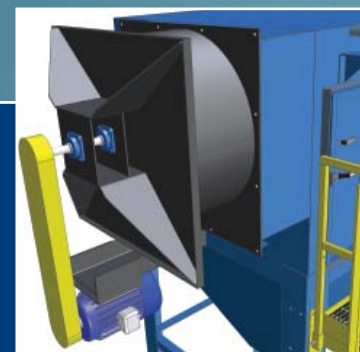
Pressure Relief Vent

Hinged and closed by an easily operated Brixon mechanical latch, pressure relief vents are designed to open when the internal pressure of the dust collector equals that of the latch. The number of vents needed will be determined by the size of the collector as well as the type of dust, and will be calculated to meet NFPA code.



Fan Mounting Options

All dust collector fans are quiet, highly efficient, and stable for a broad range of industrial applications. Wheels are dynamically balanced to ANSI specifications for smooth operations and are licensed to bear the AMCA seal



Side mounted fans are ideal where there is a height restriction.

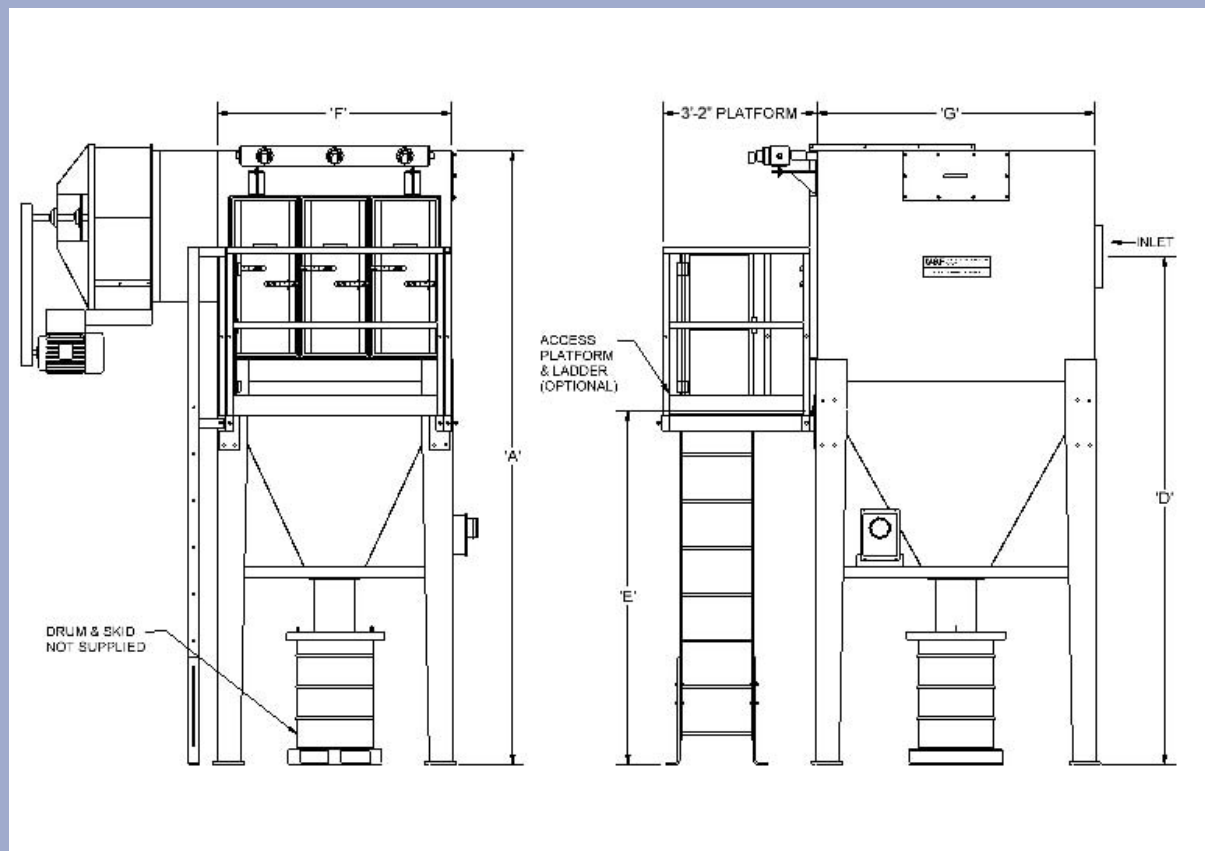


Roof mounted fans offer the ability to discharge air in any direction, as the base plate has a symmetrical bolt pattern that allows it to be rotated every 90 degrees.



Floor mounted fans allow quick and easy maintenance access as well as eliminating any dynamic loads on the collector with large fans. All fans over 30 HP will be mounted on the floor.

JPSM/JPSMA Slide-In Cartridge



Note: Dimensions subject to change during detail engineering stage

Special Features

- 100% effective hand operated cam lock mechanism provides positive sealing by compressing the filter gasket against the cell plate. The tool free lock allows for quick and easy filter replacement, reducing the down time for maintenance.
- The high side inlet design optimizes air distribution across the filters for uniform loading to all filters.
- Square header provides extra storage of compressed air. Integrated valve assembly with improved air flow has been exclusively designed for square headers with a direct acting diaphragm valve without fittings and tubing.
- Pleated type cartridge elements provide compact design and a lower capital cost.

Filter Media

- 100% cellulose
- 80/20 cellulose/polyester blend
- 80/20 blend (fire retardant)
- Polyester felt
- Spun-bonded polyester
- Other media available with a variety of treatments for special applications and wide temperature ranges

Model	CFM	Static Pressure	HP	A'	B'	C'	D'	**E'	**F'	G'	Number of Hoppers
JPSM-2D4	1600	8"/10"	5/5	12'-10"	3'-0"	3'-1"	10'-11"	7'-3"	3'-6"	3'-6"	1
JPSM-2D6	2400	8"/10"	5/7.5	13'-2"	4'-6"	3'-1"	10'-11"	7'-7"	5'-0"	3'-6"	1
JPSM-3D9	3600	8"/10"	7.5/10	13'-2"	4'-6"	4'-4"	10'-11"	7'-7"	5'-0"	4'-9"	1
JPSM-4D12	4800	8"/10"	10/10	13'-2"	4'-6"	5'-6"	10'-11"	7'-7"	5'-0"	6'-0"	1
JPSM-5D15	6000	8"/10"	15/15	13'-2"	4'-6"	6'-8"	10'-11"	7'-7"	5'-0"	7'-2"	1
JPSM-5D20	8000	8"/10"	15/20	13'-2"	6'-0"	6'-8"	10'-11"	7'-7"	6'-6"	7'-2"	1
JPSM-5D25	10000	8"/10"	20/25	13'-2"	7'-6"	6'-8"	10'-11"	7'-7"	8'-0"	7'-2"	1
JPSM-5D30	12000	8"/10"	25/25	13'-2"	9'-0"	6'-8"	10'-11"	7'-7"	9'-6"	7'-2"	2
JPSM-5D35	14000	8"/10"	25/30	14'-9"	10'-6"	6'-8"	12'-3"	7'-7"	11'-0"	7'-2"	2
JPSM-5D40	16000	8"/10"	30/40	14'-9"	12'-0"	6'-8"	12'-3"	7'-7"	12'-6"	7'-2"	3
JPSM-5D45	18000	8"/10"	30/40	14'-9"	13'-6"	6'-8"	12'-3"	7'-7"	14'-0"	7'-2"	3
JPSM-5D50	20000	8"/10"	40/50	14'-9"	15'-0"	6'-8"	12'-3"	7'-7"	15'-6"	7'-2"	3

* Note: All Fans over 30 HP will be mounted on the floor

** Note: For optional rotary valve add 14" to dimensions 'A', 'D' and 'E'

