

PPJ DUST COLLECTORS Portable Pulse Jet

This PPJ Portable pulse jet dust collection system features twin cyclones at the inlet to separate and discharge larger dust particles into the steel receiving bin below that slide into the front and rear pods. Fine particles can bypass thru the self-cleaning cast aluminum fan wheel and also thru the mono-coque housing over to the twin vertically mounted cartridge filters.

These filters are open at the top and bottom, allowing dust to be pushed by the fan downwards into the rear receiving bin. The cleaned filtered air passes thru the filters out the rear area of the unit.

Cleaning of the filters is easily done by reverse pulse jet of compressed air. This is accomplished by connecting your compressed airline to the quick disconnect on the control side and allowing the pressure to equalize in the on-board air header. Once enough pressure is available, two push buttons allow the operator to activate each of two diaphragm valves to force a jet of air into the cartridges, dislodging and forcing any dust on the inner surface of the cartridge down into the bottom bin. Each valve can be operated independently during operation or when the unit is off.

A magnehelic gauge shows the differential pressure on the filter, so you know when its time to clean. Filter removal is simple using eyebolt lifters, as well bin lids retract to open position via toggle clamps raising them up out of the way for bin removal. Bins are on small casters to air in moving over to larger dumping bin, or alternatively, plastic liner bags can be put in bins to easily lift out and dump.



Specifications

Motor(s)	1-5 HP TEFC
Max CFM	2500
Min CFM	995
Max Static Pressure	10"
Filter Type	<1 Micron
Length	*40"
Width	*32"
Height	*75"
Weight	650 lbs
Impeller Size	Varies by model
Impeller Material	319 Cast Aluminum
Inlet Diameter	Varies by model
Bag Capacity	Min 2 x 40 gallons
Decibels	70-80 dB
Electrical	110/220/460/575VAC

*Dimensions vary by model (largest dims shown)

"PPJ" TYPE Dust Collector

Check with local regulations before installing and operating any dust collection equipment to ensure that any additional requirements are implemented for safe operation.

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