

# SPJ-T Series

The SPJ T Series\* Dust Collector is a heavy duty reverse pulse-jet dust collector that eliminates flow-restricting venturis, and utilizes our *patented cleaning nozzle technology*. The cleaning system yields a reliable and efficient collector that requires fewer bags, and prolongs bag life. This reduces overall maintenance and operating costs while operating a smaller overall collector.

## SPJ-T Series Baghouse – Walk-In Plenum



\*SPJ-T Series is a Top Bag removal collector with walk-in plenum access.

## STANDARD FEATURES

- Patented Cleaning Nozzle Technology.
- High Side Baffled Inlet with drop out area.
- Wide bag spacing: 2.5” – 3” between bags.
- 12 gauge hot rolled steel housing, reinforced to withstand  $\pm 20$  IWC.
- Standard structure designed to withstand 115 MPH winds + Zone 3 Seismic loads.
- Solid state timer pre-wired in NEMA 4 enclosure (110 V).
- Compressed air required: 90-100 psi. Must be clean and dry.
- 60° hopper with square discharge, flanged and pre-drilled for auxiliary equipment.
- Compressed air manifold mounted with pipe couplings on both ends for easy connection of air supply.
- Hopper discharge clearance of 42” (variable clearance heights available). Sized for slide gate and 55 gallon drum adapter.
- Flanged pre-drilled inlet, and flanged pre-drilled outlet.
- Removable 20” x 20” hopper access panel (for airlock).
- 20” x 60” Hinged Walk-In Door.
- One full set of filter bags and wire cages.
- Zinc oxide primer on the interior and exterior, and an exterior finish of industrial enamel (color is tan or graphite).
- One differential pressure gauge with dust trap and connecting hardware.
- Various bag dimensions and filter media type available.

*We can also assist with meeting NFPA and OSHA Standards.*



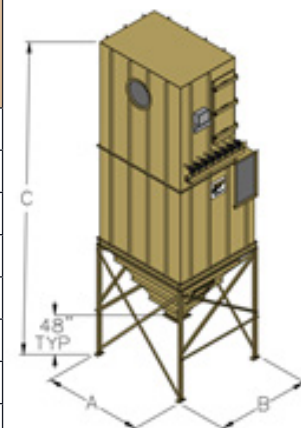
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[www.scientificdustcollectors.com](http://www.scientificdustcollectors.com)  
A Venturedyne Ltd. Company

# SPJ-T Series

MODEL**	"A"	"B"	"C"	INLET SIZE	OUTLET SIZE DIA	QTY. VALVES	CLEANING AIR SCFM REQD.	HEAVIEST BIN (LBS)	TOTAL WEIGHT (LBS)
SPJ-40-X4T8	66"	58"	288"	14" X 26"	22"	5	1.6 - 13.1	1,500	3,400
SPJ-48-X4T8	66"	66"	288"	15" X 29"	24"	6	2.0 - 13.1	1,700	3,800
SPJ-56-X4T8	66"	75"	296"	16" X 32"	26"	7	2.3 - 13.1	1,800	4,100
SPJ-64-X4T8	66"	84"	305"	18" X 33"	27"	8	2.6 - 13.1	1,900	4,500
SPJ-72-X4T8	96"	69"	314"	18" X 36"	29"	6	2.9 - 19.6	2,200	5,100
SPJ-84-X4T8	96"	79"	313"	20" X 38"	31"	7	3.4 - 19.6	2,400	5,500
SPJ-96-X4T8	96"	87"	314"	21" X 42"	34"	8	3.9 - 19.6	2,500	5,800
SPJ-108-X4T8	96"	96"	314"	22" X 45"	36"	9	4.4 - 19.6	2,800	6,200
SPJ-120-X4T8	96"	105"	321"	24" X 45"	38"	10	4.9 - 19.6	2,900	6,600
SPJ-132-X4T8	96"	118"	333"	29" X 41"	39"	11	5.4 - 19.6	3,200	7,200
SPJ-144-X4T8	96"	130"	344"	34" X 38"	41"	12	5.9 - 19.6	3,300	7,800
SPJ-168-X4T8	96"	153"	311"	40" X 38"	44"	14	6.9 - 22.9	4,600	10,300
SPJ-192-X4T8	96"	170"	311"	42" X 42"	47"	16	7.9 - 26.1	5,000	11,100
SPJ-216-X4T8	96"	187"	311"	44" X 45"	50"	18	8.9 - 29.4	5,400	12,000
SPJ-240-X4T8	96"	206"	318"	48" X 45"	53"	20	9.8 - 32.7	5,900	13,100
SPJ-264-X4T8	96"	231"	329"	58" X 41"	56"	22	10.8 - 35.9	6,400	14,000
SPJ-288-X4T8	96"	256"	340"	68" X 38"	58"	24	11.8 - 39.2	6,900	15,000

MODEL**	"A"	"B"	"C"	INLET SIZE	OUTLET SIZE DIA	QTY. VALVES	CLEANING AIR SCFM REQD.	HEAVIEST BIN (LBS)	TOTAL WEIGHT (LBS)
SPJ-40-X4T10	71"	62"	336"	14" X 26"	22"	5	1.6 - 13.1	1,700	3,800
SPJ-48-X4T10	71"	70"	336"	15" X 29"	24"	6	2.0 - 13.1	1,900	4,200
SPJ-56-X4T10	71"	79"	344"	16" X 32"	26"	7	2.3 - 13.1	2,100	4,500
SPJ-64-X4T10	71"	88"	353"	18" X 33"	27"	8	2.6 - 13.1	2,200	4,900
SPJ-72-X4T10	101"	73"	362"	18" X 36"	29"	6	2.9 - 19.6	2,600	5,500
SPJ-84-X4T10	101"	83"	361"	20" X 38"	31"	7	3.4 - 19.6	2,700	5,900
SPJ-96-X4T10	101"	91"	362"	21" X 42"	34"	8	3.9 - 19.6	2,900	6,200
SPJ-108-X4T10	101"	100"	362"	22" X 45"	36"	9	4.4 - 19.6	3,200	6,600
SPJ-120-X4T10	101"	109"	369"	24" X 45"	38"	10	4.9 - 19.6	3,300	7,000
SPJ-132-X4T10	101"	122"	369"	29" X 41"	39"	11	5.4 - 19.6	3,600	7,600
SPJ-144-X4T10	101"	134"	368"	34" X 38"	41"	12	5.9 - 19.6	3,700	8,200
SPJ-168-X4T10	101"	157"	359"	40" X 48"	44"	14	6.9 - 22.9	5,100	11,500
SPJ-192-X4T10	101"	174"	359"	42" X 42"	47"	16	7.9 - 26.1	5,500	13,000
SPJ-216-X4T10	101"	191"	359"	44" X 45"	50"	18	8.9 - 29.4	6,000	14,500
SPJ-240-X4T10	101"	210"	366"	48" X 45"	53"	20	9.8 - 32.7	6,500	16,000
SPJ-264-X4T10	101"	235"	377"	58" X 41"	56"	22	10.8 - 35.9	7,100	17,500
SPJ-288-X4T10	101"	260"	388"	68" X 38"	58"	24	11.8 - 39.2	7,600	19,000



## LEGEND:

- Example: SPJ-40-X4RT8
- SPJ – Model
  - 40 – Number of Bags
  - T – Top Bag Removal
  - 8 – Length of Bags (ft)

\*\*Standard Model up to 736 filter bags available.

NOTE: Models SPJ 168 and larger have Center Inlets.

ALL DIMENSIONS AND WEIGHTS ARE APPROXIMATE, AND ARE TO BE USED FOR REFERENCE ONLY.



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