

# BAGTRON SERIES

## Pulse Jet Baghouse Dust Collectors



### Continuous-Duty Operation Keeps Up With the Most Demanding Jobs

#### Self-Cleaning While Running

Online cleaning is accomplished by a solid state control board which sequentially energizes solenoids, allowing diaphragm valves to dump compressed air from the storage header into the blow-down pipe. The blow-down pipes have orifices over the inlets of each bag. The primary air is then joined by secondary air in the clean chamber both to flex the bag, cracking the dust cake, and also to blow off the loosened dust. The large agglomerated dust particles will then fall to the hopper for discharge from the collector. The compressed air jet is processed through a Venturi before passing to the fabric of the bag.

#### Constant Capture Velocity

By blowing dust off the outside of the bag while the blower is running, the Bagtron maintains constant air flow for consistent performance.

# FILTER 1

### Designing Your Baghouse to Handle Your Dust

**The Right Size.** The Bagtron Series includes 16 standard sizes, from 67 sq. ft. up to 1750 sq. ft. of filter, moving air as low as 500 CFM and as high as 25,000 CFM. In addition, larger and/or custom sizes are available.

**Optimal Velocity.** Complete range of filter sizes; filter velocity from 3 FPM to 15 FPM, as needed for the application, depending on the particulate and its concentration.

**Solid Construction.** The cabinet is made up of 14 ga. panels only 16" wide (providing double ribs every 16") which are welded securely in place. The welded design allows pressure of 18 inches of water column.

**Heavy-Duty Bags.** The standard 16 oz. singed felted polyester bags are designed to withstand abrasive, moist, or sticky particulate. Other materials are also available as needed for special applications or environments.



1-800-289-0189

Baghouse Dust Collectors

# BAGTRON SERIES

## High-Efficiency Continuous Duty Baghouse



**Proven 99.9% Mass Efficiency at Recommended Filter Velocity**

### Specifications

- 14 Gauge With Ribs
- Magnehelic Gauge
- 16 oz. Singed Polyester Felt
- Internal Venturi
- Galvanized Bag Cages
- Industrial Blue Enamel
- 4.75" Diameter Bags - 6, 8, or 10 ft. long

### Options

- Direct Mounted Blower/Motor
- Volume Control Damper
- Fan Silencer
- Bin Vent Design
- Rotary Air Lock
- Platform & Ladder Packs
- Explosion Vents
- Photohelic Gauge

### Bagtron BT Series

MODEL	# OF BAGS	BAG LENGTH	FILTER SQ FT	CFM @ 5FPM	CFM @ 10FPM	CFM @ 15FPM	WxD*	CAB HT.	HOP HT.
BT-4-6	9	6	67	335	670	1005	36X36	102	15
BT-9-8	9	8	90	450	900	1350	36X36	126	15
BT-16-6	16	6	120	600	1200	1800	44X44	108	21
BT-16-8	16	8	160	800	1600	2400	44X44	132	21
BT-25-6	25	6	187	935	1870	2805	50X50	114	28
BT-25-8	25	8	250	1250	2500	3750	50X50	138	28
BT-36-6	36	6	270	1350	2700	4050	60X60	120	34
BT-36-8	36	8	360	1800	3100	5400	60X60	144	34
BT-49-8	49	8	470	2450	4500	7350	64X64	150	38
BT-49-10	49	10	612	3060	6120	9180	64X64	170	38
BT-64-8	64	8	640	3200	6400	9600	76X76	143	48
BT-64-10	64	10	800	4000	8000	12000	76X76	180	48
BT-81-8	81	8	810	4050	8100	12150	80X80	166	54
BT-81-10	81	10	1012	5060	10120	15180	80X80	190	54
BT-100-8	100	8	1000	5000	10000	15000	86X86	170	60
BT-100-10	100	10	1250	6250	12500	18750	86X86	196	60
BT-140-10	140	10	1750	8750	17500	25250	86X120	208	72

\*Larger/Custom Sizes Available: Consult Factory

*Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.*

# FILTER 1

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