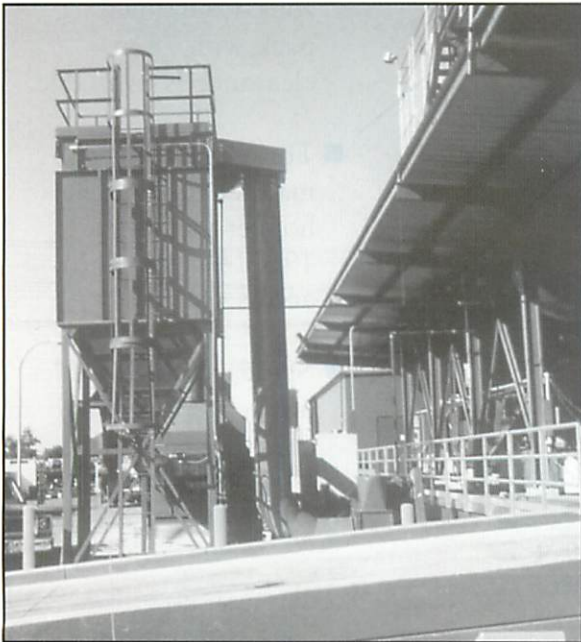


HP Baghouse Collectors

Models HPW/HPT 64-320, HPH 30-54



160HPW8



160HPT8

The HP Baghouse dust collector by Torit provides a reliable, versatile, and high-performance design to handle intermediate-to-high air volumes at low operating pressure drops.

The HP collector is not just another baghouse.

Of all modular baghouse collectors, the HP collector provides more cleaning capacity in less space. Compared to conventional pulse-jet systems, the unique Powerflo™ Cleaning System allows for significantly higher air-to-media ratios, resulting in a much smaller and compact overall system size.

The high air inlet reduces upflow velocities and uses gravity to separate heavier dust particles. As a result, filter bag life is extended and bag replacement and maintenance costs are greatly reduced.

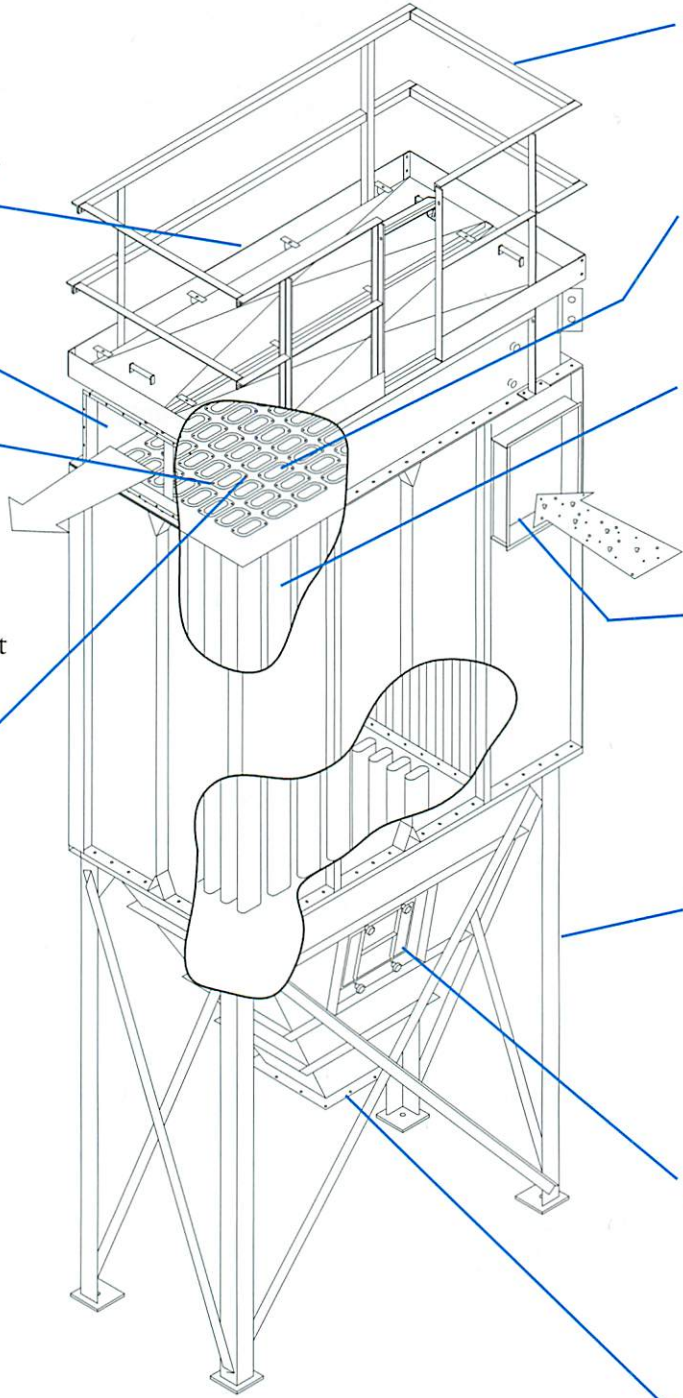
The HP Baghouse pays off—

- Lower initial investment because a smaller collector can do the job.
- Lower freight and installation costs because a smaller more compact collector is easier to ship and install.
- Lower maintenance costs—fewer bags, frames, and valves.
- Lower operating costs—Powerflo Cleaning System minimizes the consumption of costly compressed air.
- Powerflo cleaning is easier on bags resulting in less frequent bag replacement.

Typical Applications

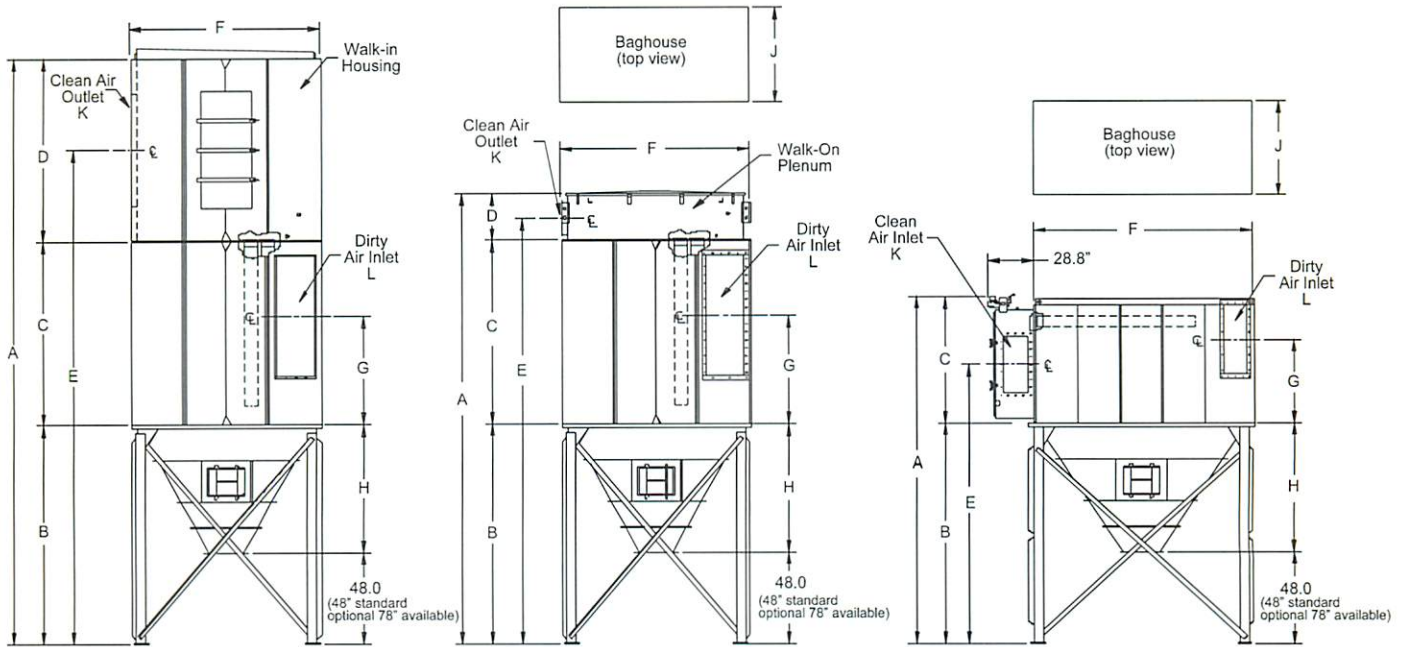
Materials Handled	Typical Average Air-to-Media Ratio	Torit HP Air-to-Media Ratio
Fiberglass	6:1 - 8:1	12:1
Flour	6:1 - 10:1	15:1
Paper	5:1 - 7:1	14:1
Rubber	6:1 - 8:1	15:1
Wood Dust	8:1 - 10:1	16:1

Benefits of the HP Baghouse Collectors

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- All-welded, heavy-duty ribbed panel housing construction is factory assembled for easy field installation. Heavy-duty tubesheet is 1/4-in steel plate construction.
 - Standard rectangular outlet.
 - Patented, positive seal Boltsafe™ cages provide electrical grounding, easy bag changeout, reduced bag sway, and an airtight seal to the tubesheet. Cages will not rise out of position once they are installed.
 - Powerflo Cleaning System. Super-sonic nozzles' "converging/diverging" design provides an intermittent jet of powerful high volume induced air for efficient bag cleaning.
 - Service railing and kickplate are in compliance with OSHA regulations.
 - Easily accessible filter bags are removed and changed from clean air side.
 - Oval bags provide more radial bag movement during the cleaning cycle, resulting in longer bag life.
 - High inlet design with inlet baffle provides separation of large particulate, reducing the loading on the filter bags and extending filter bag life.
 - Standard leg pack with 48-in clearance features structural design for seismic conditions, zone 4. Optional leg pack with 78-in clearance is available.
 - For easy access and maintenance, each hopper includes a 19 x 14-in standard access panel.
 - Standard single outlet hopper terminates to an 18-in square opening. Double outlet hoppers are optional.
 - Optional platform, ladder, and ladder cages (not shown) are in compliance with OSHA regulations.
- O-ring collar assures positive seal between clean and dirty air plenum.

Easy to install—built to last.

Specifications and Dimensions



HPW (Walk-In)

Walk-in plenum provides weather protection during maintenance.

HPT (Top-Access)

Bag maintenance is not subject to confined space rules. Model is often used in hot climates.

HPH (Horizontal Bags)

Low profile design is useful for indoor applications. Low profile HPH double hopper option reduces height by another 35-in.

Model*	Nominal Airflow Range (cfm)**	Dimensions (in)											Filter Area (ft ²)	Shipping Weight (lbs)
		A	B	C	D	E	F	G	H	J	K	L		
64HPW	6400-10200	315.8	116.0	97.0	102.8	261.8	102.0	76.5	68.0	52	30 x 58	20 x 25	637	5538
80HPW	8000-12800	315.8	116.0	97.0	102.8	261.8	102.0	73.5	68.0	62	30 x 58	20 x 31	795	6259
96HPW	9600-17280	315.8	116.0	97.0	102.8	261.8	102.0	70.0	68.0	72	30 x 58	20 x 38	954	6712
128HPW	12800-20500	315.8	116.0	97.0	102.8	261.8	102.0	64.0	68.0	92	30 x 58	20 x 50	1272	7837
160HPW	16000-25600	315.8	116.0	97.0	102.8	261.8	102.0	57.5	68.0	112	30 x 58	20 x 63	1590	8714
192HPW	19200-30700	331.5	131.7	97.0	102.8	277.5	192.0	65.0	83.7	72	40 x 47	32 x 48	1908	12500
256HPW	25600-41000	331.5	131.7	97.0	102.8	277.5	192.0	57.0	83.7	92	40 x 63	32 x 64	2544	14000
320HPW	32000-51200	331.5	131.7	97.0	102.8	277.5	192.0	51.5	83.7	112	40 x 78	32 x 80	3180	17000
64HPT	6400-10200	239.5	116.0	97.3	26.2	224.5	102.0	76.5	68.0	52	39 x 15.5	20 x 25	637	4890
80HPT	8000-12800	239.5	116.0	97.3	26.2	224.5	102.0	73.5	68.0	62	49 x 15.5	20 x 31	795	5581
96HPT	9600-17280	239.5	116.0	97.3	26.2	224.5	102.0	70.0	68.0	72	59 x 15.5	20 x 38	954	6006
128HPT	12800-20500	239.5	116.0	97.3	26.2	224.5	102.0	64.0	68.0	92	79 x 15.5	20 x 50	1272	7087
160HPT	16000-25600	239.5	116.0	97.3	26.2	224.5	102.0	57.5	68.0	112	99 x 15.5	20 x 63	1590	8018
192HPT	19200-30700	255.0	131.7	97.3	26.0	240.1	192.0	65.0	83.7	72	59 x 15.5 (2)	32 x 48	1908	10300
256HPT	25600-41000	255.0	131.7	97.3	26.0	240.1	192.0	57.0	83.7	92	79 x 15.5 (2)	32 x 64	2544	10700
320HPT	32000-51200	255.0	131.7	97.3	26.0	240.1	192.0	51.5	83.7	112	99 x 15.5 (2)	32 x 80	3180	14500
30HPH***	3000-4800	183.0	116.0	67.0	-	147.5	116.3	50.4	68.0	37	13 x 30	12 x 24	298	3240
36HPH	3600-5800	183.0	116.0	67.0	-	147.5	116.3	50.4	68.0	42	13 x 30	12 x 24	358	3411
42HPH	4200-6720	183.0	116.0	67.0	-	147.5	116.3	50.4	68.0	47	13 x 30	12 x 24	418	3624
54HPH	5400-8600	183.0	116.0	67.0	-	147.5	116.3	44.4	68.0	57	13 x 30	12 x 36	537	4055

* Model number indicates quantity of 8-ft long filter bags.

** Based on clean filters.

*** All dimensions and weights are based on single outlet hopper and 48-in clearance.

HP Baghouse Collectors

Standard Equipment

- Collector housing
 - HPW walk-in clean air plenum with top bag removal
 - HPT walk-on clean air plenum with top bag removal
 - HPH side-mounted clean air plenum with horizontal side bag removal
 - All-welded housing construction 12 gauge minimum
 - Heavy-duty 1/4-in plate steel tubesheet
 - Oval 8-ft long bags with 16 oz polyester felt
 - 99.9% mass efficiency with minimal pressure drop
 - Galvanized bag cages
 - Positive seal Boltsafe™ hardware
 - Grounded bag and cage system
- Support Structure
 - 48-in clearance leg pack
- Hopper Design
 - Large pyramid style hopper with minimum 60° angles
 - Single outlet 18-in square
 - Hopper manhole
- Paint System
 - Prime coated interior
 - Blue exterior finish coating passes 250-hour salt spray corrosion performance test
- Electrical Controls
 - Magnehelic®* pressure differential gauge
 - NEMA 4 solenoid valves, 50/60 Hz
 - NEMA 4 pulse controls, 120 VAC, 50/60 Hz

All Models	
Seismic rating Zone 4
Wind load rating 100 mph
Housing rating ±17 "wg
Compressed air 90–100 psig
Air consumption 1.1 SCF/pulse/valve
Power (valves & controls) 120 VAC 50/60 Hz
Maximum standard operating temperature 150°F

Optional Equipment

- Stainless steel construction
- High temperature construction
- Explosion vents
- Cages, ladder, and platform per OSHA specifications
- Variety of special filter medias including Tetratex®**
- Double outlet hopper
- Trough hopper
- 78-in clearance leg pack
- Electrical control panels
- Volume control damper
- Sprinkler taps
- Photohelic®* gauge
- Hopper discharge
 - Slide gate pack
 - Rotary valves
- Fan packages
- Fan silencers
- Exterior finish coatings for hostile environments
- Custom painted colors

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 Printed in U.S.A. on recycled paper
 Form HP (2/03)