

RF Dust Collectors

Models 48RF8-484RF12

Reliable, simple design and energy-efficient operation to handle high-volume dust collection applications.



Torit RF Dust Collector

If you are dealing in applications where high air volumes with heavy dust loading are the norm—such as woodworking, cement, grain, chemicals, food or other processing—then you will want to investigate the rugged workhorse capabilities of the Torit RF baghouse dust collectors.

Its tough construction includes a 1/4" tubesheet and up to 3/16" body wall thickness.

These units maintain the high filtration capacity of 99.9%+ by weight with minimal pressure drop.

A single RF collector handles higher volumes of dust with just one hopper—a benefit that translates to easier installation.

Benefits of the RF Dust Collector

■ All-Welded Construction

Solid, durable one-piece chamber makes it easier and less costly to install the dust collector. Heavy duty 1/4" tubesheet with up to 3/16" body wall thickness.

■ Standard Outlet

(Round optional)

■ Rotating Cleaning Air Manifold

Needs only one solenoid and diaphragm valve because the manifold rotates into position over the bag openings. Makes troubleshooting and maintenance much easier.

■ Involute Scroll Inlet

Directs dirty air into a cyclonic pattern, causing heavy dust particles to fall into the hopper before rising to the filter bag section. This eliminates the need for a cyclone precleaner used on other baghouses.

■ Optional Explosion Vents

■ Positive Seal Boltsafe™ Cages

Provide electrical grounding, easy bag changeout, reduce bag sway, and an airtight seal to the tubesheet. Cages will not rise out of position once they are installed.

■ Oval Bags

Provide more radial bag movement during the cleaning cycle, resulting in longer bag life.

■ Even-Air™ Flow Straightener

Eliminates bag sway and extends bag life by straightening airflow.

■ Optional Legs and Caged Ladders

■ Compact Design

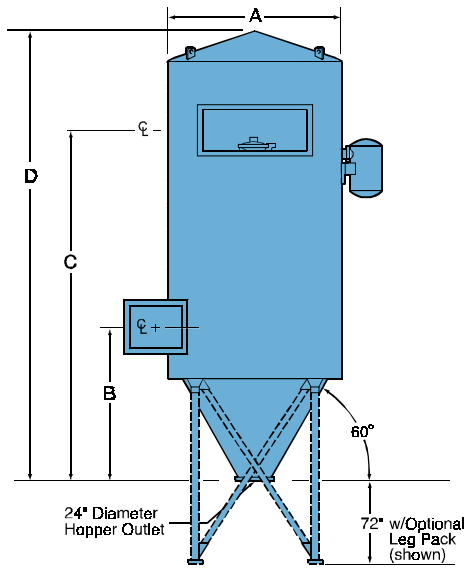
Round unit has one hopper in base; there is usually no need for screw conveyors or multiple discharge devices.

■ Medium-Pressure Air Pump

Eliminates need for compressed air, which can be susceptible to condensation and freezing problems. The medium-pressure air pulse cleans efficiently to extend bag life.

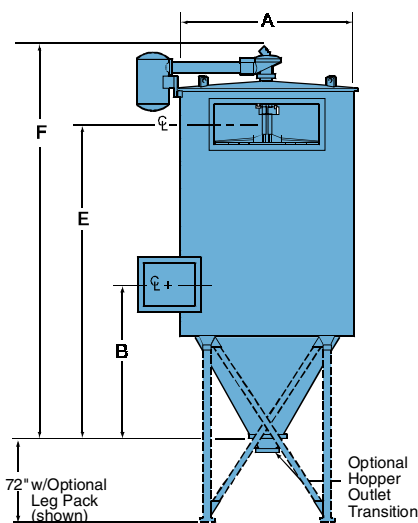
Easy to install—built to last.

Specifications



RFW (Walk-In)

Model	No. Bags	Length	Cloth Area (ft ²)	Cubic Feet of Air/Min (cfm) Air-to-Media Ratio			Air Pump (hp)
				5:1	10:1	15:1	
48RF8	48	8'	499	2,495	4,990	7,485	2
48RF10	48	10'	624	3,120	6,240	9,360	2
72RF8	72	8'	749	3,745	7,490	11,235	2
72RF10	72	10'	937	4,685	9,370	14,055	2
124RF8	124	8'	1290	6,450	12,900	19,350	2
124RF10	124	10'	1613	8,065	16,130	24,195	3
156RF8	156	8'	1622	8,110	16,220	24,330	3
156RF10	156	10'	2030	10,150	20,300	30,450	3
232RF8	232	8'	2413	12,065	24,130	36,195	3
232RF10	232	10'	3018	15,090	30,180	45,270	5
232RF12	232	12'	3622	18,110	36,220	54,330	5
276RF8	276	8'	2870	14,350	28,700	43,050	3
276RF10	276	10'	3591	17,955	35,910	53,865	5
276RF12	276	12'	4308	21,540	43,080	64,620	5
376RF8	376	8'	3910	19,550	39,100	58,650	7%
376RF10	376	10'	4892	24,460	48,920	73,380	7%
376RF12	376	12'	5869	29,345	58,690	88,035	7%
484RF8	484	8'	5034	25,170	50,340	75,510	7%
484RF10	484	10'	6297	31,485	62,970	94,455	7%
484RF12	484	12'	7555	37,775	75,550	113,325	7%



RFT (Top-Cover)

Model	Approximate Dimensions (ft)						Shipping Weight (lbs)
	A	B	C	D	E	F	
48RF8	5'-8"	4'-6 ³ / ₈ "	19'-8 ³ / ₄ "	24'-5 ¹ / ₂ "	15'-6 ¹ / ₄ "	19'-3 ⁷ / ₈ "	7,388
48RF10	5'-8"	4'-6 ³ / ₈ "	21'-8 ³ / ₄ "	28'-5 ¹ / ₂ "	17'-6 ¹ / ₄ "	21'-3 ⁷ / ₈ "	8,105
72RF8	5'-8"	4'-6 ³ / ₈ "	19'-8 ³ / ₄ "	24'-5 ¹ / ₂ "	15'-6 ¹ / ₄ "	19'-3 ⁷ / ₈ "	7,554
72RF10	5'-8"	4'-6 ³ / ₈ "	21'-8 ³ / ₄ "	28'-5 ¹ / ₂ "	17'-6 ¹ / ₄ "	21'-3 ⁷ / ₈ "	8,306
124RF8	8'-0"	7'-0"	22'-7"	26'-4"	22'-2 ³ / ₈ "	22'-2 ³ / ₈ "	10,048
124RF10	8'-0"	7'-0"	24'-7"	30'-4"	24'-2 ³ / ₈ "	24'-2 ³ / ₈ "	10,910
156RF8	8'-0"	7'-0"	22'-7"	26'-4"	22'-2 ³ / ₈ "	22'-2 ³ / ₈ "	10,298
156RF10	8'-0"	7'-0"	24'-7"	30'-4"	24'-2 ³ / ₈ "	24'-2 ³ / ₈ "	11,217
232RF8	10'-3"	9'-5 ³ / ₈ "	25'-6 ³ / ₈ "	29'-9 ¹ / ₈ "	21'-9 ⁷ / ₈ "	26'-2 ⁵⁹ / ₆₄ "	15,304
232RF10	10'-3"	9'-5 ³ / ₈ "	27'-6 ³ / ₈ "	33'-9 ¹ / ₈ "	23'-9 ⁷ / ₈ "	28'-2 ⁵⁹ / ₆₄ "	16,591
232RF12	10'-3"	9'-5 ³ / ₈ "	29'-6 ³ / ₈ "	37'-9 ¹ / ₈ "	25'-9 ⁷ / ₈ "	30'-2 ⁵⁹ / ₆₄ "	17,825
276RF8	10'-3"	9'-5 ³ / ₈ "	25'-6 ³ / ₈ "	29'-9 ¹ / ₈ "	21'-9 ⁷ / ₈ "	26'-2 ⁵⁹ / ₆₄ "	15,614
276RF10	10'-3"	9'-5 ³ / ₈ "	27'-6 ³ / ₈ "	33'-9 ¹ / ₈ "	23'-9 ⁷ / ₈ "	28'-2 ⁵⁹ / ₆₄ "	16,975
276RF12	10'-3"	9'-5 ³ / ₈ "	29'-6 ³ / ₈ "	37'-9 ¹ / ₈ "	25'-9 ⁷ / ₈ "	30'-2 ⁵⁹ / ₆₄ "	18,290
376RF8	11'-7 ⁵ / ₈ "	10'-10 ³ / ₄ "	27'-2 ³ / ₄ "	31'-9 ¹ / ₈ "	23'-9 ¹ / ₄ "	28'-3 ⁷ / ₈ "	19,617
376RF10	11'-7 ⁵ / ₈ "	10'-10 ³ / ₄ "	29'-2 ³ / ₄ "	35'-9 ¹ / ₈ "	25'-9 ¹ / ₄ "	30'-3 ⁷ / ₈ "	21,248
376RF12	11'-7 ⁵ / ₈ "	10'-10 ³ / ₄ "	31'-2 ³ / ₄ "	39'-9 ¹ / ₈ "	27'-9 ¹ / ₄ "	32'-3 ⁷ / ₈ "	22,868
484RF8	13'-1 ⁵ / ₈ "	12'-5 ³ / ₈ "	29'-0 ³ / ₈ "	33'-9 ¹ / ₈ "	25'-9 ⁷ / ₈ "	31'-11 ³ / ₄ "	25,458
484RF10	13'-1 ⁵ / ₈ "	12'-5 ³ / ₈ "	31'-0 ³ / ₈ "	37'-9 ¹ / ₈ "	27'-9 ⁷ / ₈ "	33'-11 ³ / ₄ "	27,796
484RF12	13'-1 ⁵ / ₈ "	12'-5 ³ / ₈ "	33'-0 ³ / ₈ "	41'-9 ¹ / ₈ "	29'-9 ⁷ / ₈ "	35'-11 ³ / ₄ "	30,115

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Standard Equipment

- All-welded or knock-down construction:
 - 48-376 models - 10 gauge, minimum
 - 484 models - 3/16" dirty air plenum
- 10 gauge clean air plenum
 - Heavy-duty 1/4" plate steel tubesheet
- Air pump (TEFC motor drive)
- 1/3 hp TEFC motor for manifold drive
- NEMA 9 pulse valve solenoid
- Involute scroll inlet with airflow straightener
- 60° hopper
- Grounded bag and cage system
- ±20 "wg housing rating
- Hopper manhole
- NEMA 4 pulse timer
- Magnehelic®* pressure differential gauge
- 16 oz. polyester felt bags
- Galvanized bag cages
- Top handrail (RFT)
- Positive seal Boltsafe™ hardware
- Prime coated interior
- Blue exterior finish coating passes 250-hour salt spray corrosion performance test

Optional Equipment

- Explosion vents
- Tubular square steel support legs
- Caged ladder and platform per OSHA specifications
- Variety of special filter medias, including Tetratex®**
- Stainless steel construction
- Sprinkler taps
- Internal service light
- Photohelic®* gauge
- Finish coating for hostile environments
- Round outlets
- Snap-in bags
- Custom paint colors
- Electrical control panels
- Hopper level indicator
- Hopper service port
- 3" hopper water overflow check valve
- Hopper outlet transitions
 - 2'-0" to 1'-8" dia. x 4¹/₈" high
 - 2'-0" dia. to 1'-4" dia. x 7⁵/₈" high
 - 2'-0" dia. to 1' 0" dia. x 11" high
 - 2'-0" dia. to 10" dia. x 12³/₄" high
 - 2'-0" dia. to 8" dia. x 14¹/₂" high
 - 2'-0" dia. to 1'-6" x 2'-0" rectangle x 5¹⁵/₁₆" high

* Magnehelic and Photohelic are registered trademarks of Dwyer Instruments, Inc.

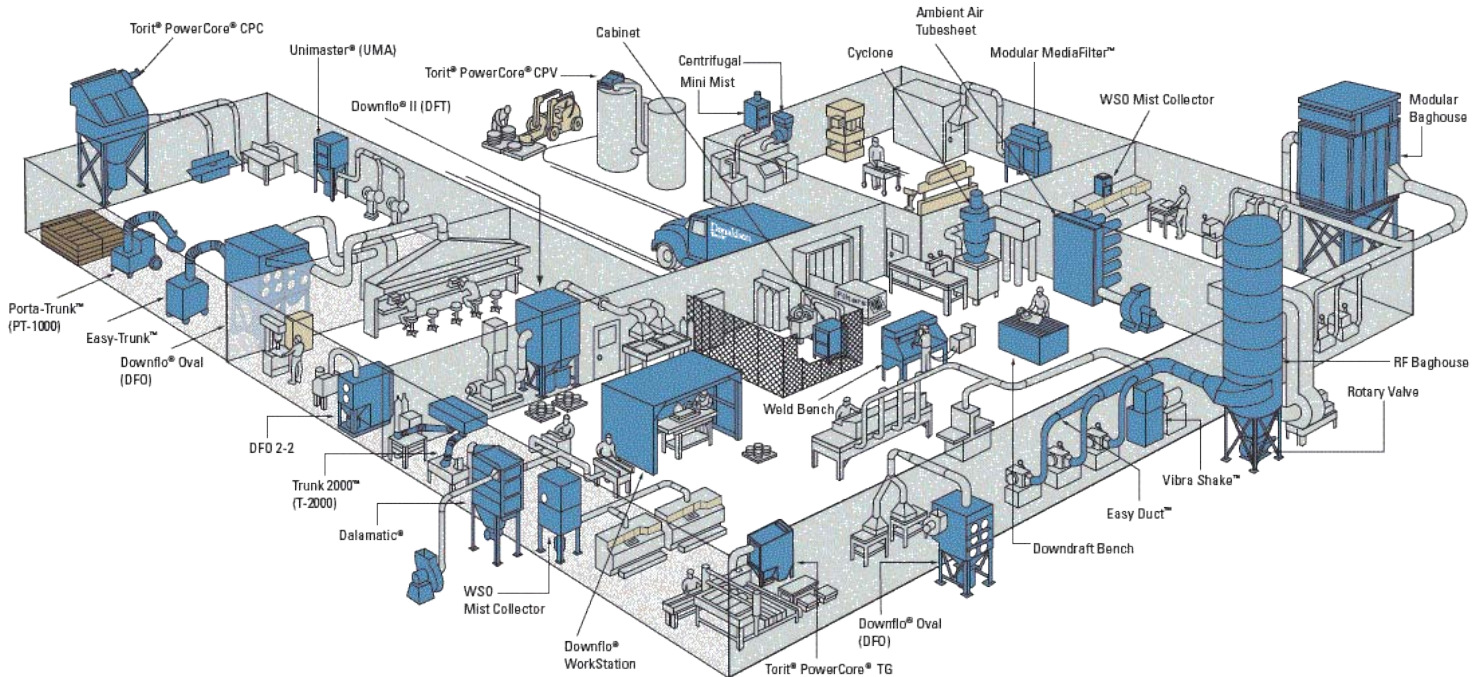
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