



**144FTD6**  
Without Walk-In Plenum



**144FTP8**  
Walk-In Plenum

Easy and dependable operation for high-volume dust collection applications.

- Clean side bag removal provides easier bag filter service
- Optional walk-in plenum allows for bag filter servicing in adverse weather conditions (FTP)
- All welded construction provides increased durability and air/water integrity
- Integral fan option helps to reduce space requirements
- Unique cleaning system minimizes moisture and particulate issues in pulse valves
- Collectors with up to 225 bag filters require only one dirty air inlet, one clean air outlet, and one hopper, resulting in reduced ducting and hopper outlet costs

## DURA-LIFE™ BAG FILTERS – A BREAKTHROUGH FOR BAG USERS.

Dura-Life™ polyester bag filter media is engineered with a unique hydroentanglement process that uses water to blend the fibers, which creates a filter bag that has smaller pores, better surface loading and better cleaning. For this reason, Dura-Life™ bag filters provide:

- Two to three times longer bag filter life
- Reduced maintenance and replacement bag filter costs due to fewer bag changeouts
- Fan energy savings due to lower pressure drop
- Thirty percent fewer emissions based on EPA tests



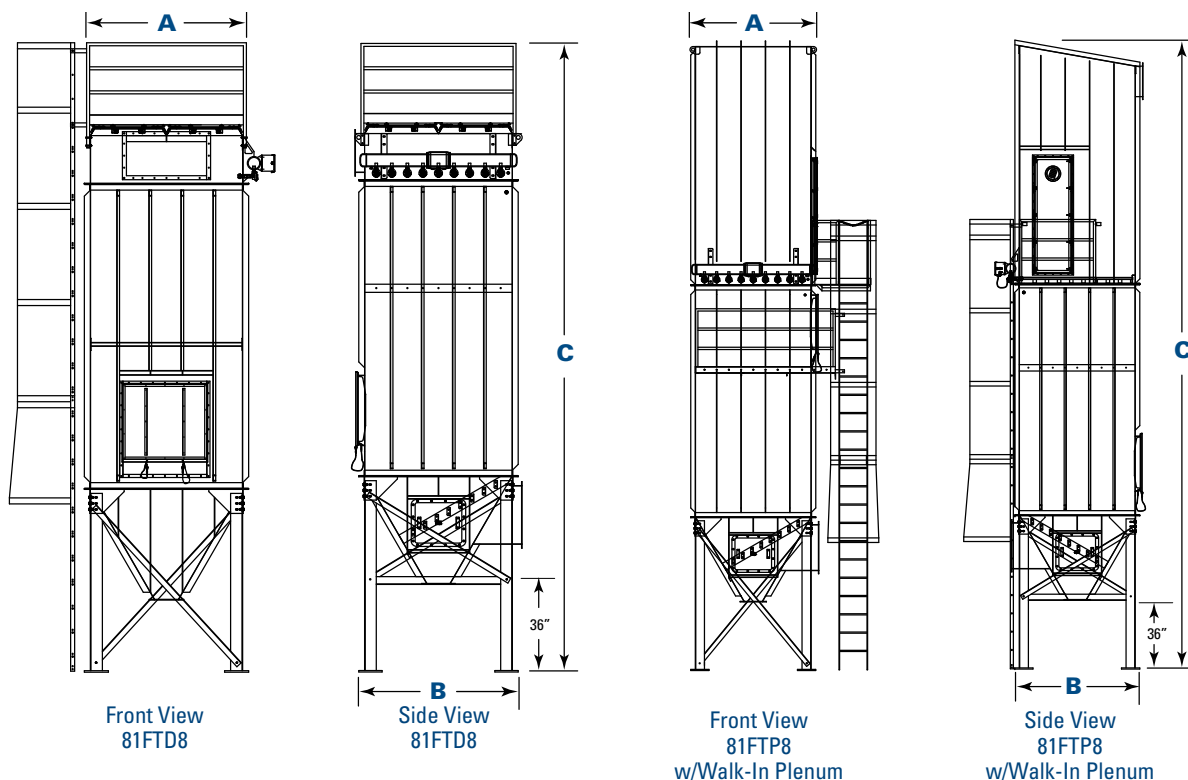
**Dura-Life™ Bag-Clean Air Side**  
(300x)



**Polyester Bag-Clean Air Side**  
(300x)

These photos were taken with a scanning electron microscope of bag media used in a collector that was filtering fly ash. The bags were removed after 2,700 hours of use. Air-to-media ratio was 4.5 to 1. Pressure drop after 2,700 hours of operation was 6 inches (152.4 millimeters) on polyester bags and 2 inches (50.8 millimeters) on Dura-Life™.

## DIMENSIONS & SPECIFICATIONS



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Model	Nominal Airflow Range*		Cloth Area		Length of Bag Filters		FTD Shipping Weight		FTP Shipping Weight		FTD Dimensions						FTP Dimensions					
											A		B		C		A		B		C	
	cfm	m³/h	ft²	m²	ft	m	lb	kg	lb	kg	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
	9FT4	240 - 600	408 - 1,019	60	5.6	4	1.2	1,300	589.7	—	—	30	762.0	30	762.0	163	762.0	—	—	—	—	—
9FT6	360 - 900	612 - 1,529	90	8.4	6	1.8	1,400	635.0	—	—	30	762.0	30	762.0	187	762.0	—	—	—	—	—	—
9FT8	480 - 1,200	815 - 2,038	120	11.1	8	2.4	1,500	680.4	—	—	30	762.0	30	762.0	211	762.0	—	—	—	—	—	—
16FT4	428 - 1,070	727 - 1,818	107	9.9	4	1.2	1,600	725.7	—	—	38	965.2	38	965.2	170	965.2	—	—	—	—	—	—
16FT6	640 - 1,600	1,087 - 2,718	160	14.9	6	1.8	1,800	816.5	—	—	38	965.2	38	965.2	194	965.2	—	—	—	—	—	—
16FT8	852 - 2,130	1,447 - 3,618	213	19.8	8	2.4	1,900	861.8	—	—	38	965.2	38	965.2	218	965.2	—	—	—	—	—	—
25FT4	688 - 1,670	1,169 - 2,837	167	15.5	4	1.2	1,900	861.8	—	—	46	1168.4	46	1168.4	177	1168.4	—	—	—	—	—	—
25FT6	1,000 - 2,500	1,699 - 4,247	250	23.2	6	1.8	2,100	952.5	—	—	46	1168.4	46	1168.4	201	1168.4	—	—	—	—	—	—
25FT8	1,322 - 3,330	2,246 - 5,657	333	30.9	8	2.4	2,300	1043.3	—	—	46	1168.4	46	1168.4	225	1168.4	—	—	—	—	—	—
36FT4	960 - 2,400	1,631 - 4,077	240	22.3	4	1.2	2,200	997.9	—	—	54	1371.6	54	1371.6	184	1371.6	—	—	—	—	—	—
36FT6	1,440 - 3,600	2,446 - 6,115	360	33.4	6	1.8	2,400	1088.6	—	—	54	1371.6	54	1371.6	208	1371.6	—	—	—	—	—	—
36FT8	1,920 - 4,800	3,261 - 8,154	480	44.6	8	2.4	2,700	1224.7	—	—	54	1371.6	54	1371.6	232	1371.6	—	—	—	—	—	—
49FT4	1,308 - 3,270	2,222 - 5,555	327	30.4	4	1.2	2,600	1179.3	—	—	62	1574.8	62	1574.8	191	1574.8	—	—	—	—	—	—
49FT6	1,960 - 4,900	3,329 - 8,323	490	45.5	6	1.8	2,900	1315.4	—	—	62	1574.8	62	1574.8	215	1574.8	—	—	—	—	—	—
49FT8	2,612 - 6,530	4,437 - 11,092	653	60.7	8	2.4	3,200	1451.5	—	—	62	1574.8	62	1574.8	239	1574.8	—	—	—	—	—	—
64FT6	2,560 - 6,400	4,349 - 10,871	640	59.5	6	1.8	3,400	1542.2	—	—	70	1778.0	70	1778.0	222	1778.0	—	—	—	—	—	—
64FT8	3,412 - 8,530	5,796 - 14,489	853	79.2	8	2.4	3,800	1723.7	—	—	70	1778.0	70	1778.0	246	1778.0	—	—	—	—	—	—
64FT10	4,264 - 10,660	7,243 - 18,108	1066	99.0	10	3.0	4,100	1859.7	—	—	70	1778.0	70	1778.0	271	1778.0	—	—	—	—	—	—
81FT8	4,320 - 10,800	7,338 - 18,345	1080	100.3	8	2.4	5,750	2608.2	6,750	3061.7	82	2082.8	82	2082.8	265	2082.8	82	2082.8	82	2082.8	304.1	7724.1
81FT10	5,400 - 13,500	9,173 - 22,932	1350	125.4	10	3.0	6,250	2835.0	7,500	3401.9	82	2082.8	82	2082.8	289	2082.8	82	2082.8	82	2082.8	352.1	8943.3
81FT12	6,480 - 16,200	11,007 - 27,518	1620	150.5	12	3.7	6,750	3061.7	8,250	3742.1	82	2082.8	82	2082.8	313	2082.8	82	2082.8	82	2082.8	400.1	10162.5
100FT8	5,332 - 13,330	9,057 - 22,643	1333	123.8	8	2.4	6,500	2948.4	7,500	3401.9	90	2286.0	90	2286.0	272	2286.0	90	2286.0	90	2286.0	317.5	8064.5
100FT10	6,668 - 16,670	11,327 - 28,316	1667	154.9	10	3.0	7,000	3175.1	8,500	3855.5	90	2286.0	90	2286.0	296	2286.0	90	2286.0	90	2286.0	365.5	9283.7
100FT12	8,000 - 20,000	13,589 - 33,973	2000	185.8	12	3.7	7,500	3401.9	9,250	4195.7	90	2286.0	90	2286.0	320	2286.0	90	2286.0	90	2286.0	413.5	10502.9
121FT8	6,452 - 16,130	10,960 - 27,399	1613	149.8	8	2.4	7,500	3401.9	8,750	3968.9	98	2489.2	98	2489.2	280	2489.2	98	2489.2	98	2489.2	324.6	8244.8
121FT10	8,068 - 20,170	13,705 - 34,262	2017	187.4	10	3.0	8,250	3742.1	9,750	4422.5	98	2489.2	98	2489.2	304	2489.2	98	2489.2	98	2489.2	372.6	9464.0
121FT12	9,680 - 24,200	16,443 - 41,107	2420	224.8	12	3.7	8,750	3968.9	10,750	4876.1	98	2489.2	98	2489.2	328	2489.2	98	2489.2	98	2489.2	420.6	10683.2
144FT8	7,680 - 19,200	13,046 - 32,614	1920	178.4	8	2.4	8,250	3742.1	9,750	4422.5	106	2692.4	106	2692.4	287	2692.4	106	2692.4	106	2692.4	329.6	8371.8
144FT10	9,600 - 24,000	16,307 - 40,768	2400	223.0	10	3.0	9,000	4082.3	11,000	4989.5	106	2692.4	106	2692.4	311	2692.4	106	2692.4	106	2692.4	377.6	9591.0
144FT12	11,520 - 28,800	19,568 - 48,921	2880	267.6	12	3.7	9,750	4422.5	12,000	5443.1	106	2692.4	106	2692.4	335	2692.4	106	2692.4	106	2692.4	425.6	10810.2
169FT8	9,012 - 22,530	15,308 - 38,271	2253	209.3	8	2.4	9,250	4195.7	10,750	4876.1	114	2895.6	114	2895.6	294	2895.6	114	2895.6	114	2895.6	342.9	8709.7
169FT10	11,268 - 28,170	19,140 - 47,851	2817	261.7	10	3.0	10,000	4535.9	12,000	5443.1	114	2895.6	114	2895.6	318	2895.6	114	2895.6	114	2895.6	390.9	9928.9
169FT12	13,520 - 33,800	22,966 - 57,414	3380	314.0	12	3.7	11,000	4989.5	13,500	6123.5	114	2895.6	114	2895.6	342	2895.6	114	2895.6	114	2895.6	438.9	11148.1
196FT8	10,452 - 26,130	17,754 - 44,386	2613	242.7	8	2.4	10,250	4649.3	11,750	5329.7	122	3098.8	122	3098.8	301	3098.8	122	3098.8	122	3098.8	349.8	8884.9
196FT10	13,068 - 32,670	22,198 - 55,495	3267	303.5	10	3.0	11,000	4989.5	13,250	6010.1	122	3098.8	122	3098.8	325	3098.8	122	3098.8	122	3098.8	397.8	10104.1
196FT12	15,680 - 39,200	26,635 - 66,587	3920	364.2	12	3.7	12,000	5443.1	10,000	4535.9	122	3098.8	122	3098.8	349	3098.8	122	3098.8	122	3098.8	445.8	11323.3
225FT8	12,000 - 30,000	20,384 - 50,960	3000	278.7	8	2.4	11,250	5102.9	13,500	6123.5	130	3302.0	130	3302.0	308	3302.0	130	3302.0	130	3302.0	358.2	9098.3
225FT10	15,000 - 37,500	25,480 - 63,699	3750	348.4	10	3.0	12,250	5556.5	15,000	6803.9	130	3302.0	130	3302.0	332	3302.0	130	3302.0	130	3302.0	406.2	10317.5
225FT12	18,000 - 45,000	30,576 - 76,439	4500	418.1	12	3.7	13,250	6010.1	16,500	7484.3	130	3302.0	130	3302.0	356	3302.0	130	3302.0	130	3302.0	454.2	11536.7
252FT8	13,440 - 33,600	22,830 - 57,075	3360	312.1	8	2.4	15,000	6803.9	17,500	7937.9	122	3098.8	168	3098.8	311.3	3098.8	122	3098.8	168	4267.2	361.1	9171.9
252FT10	16,800 - 42,000	28,537 - 71,343	4200	390.2	10	3.0	16,000	7257.5	19,000	8618.3	122	3098.8	168	3098.8	335.3	3098.8	122	3098.8	168	4267.2	409.1	10391.1
252FT12	20,160 - 50,400	34,245 - 85,612	5040	468.2	12	3.7	17,000	7711.1	20,500	9298.6	122	3098.8	168	3098.8	359.3	3098.8	122	3098.8	168	4267.2	457.1	11610.3
336FT8	17,920 - 44,800	30,440 - 76,100	4480	416.2	8	2.4	18,200	8255.4	21,200	9616.2	122	3098.8	224	3098.8	311.3	3098.8	122	3098.8	224	5689.6	361.1	9171.9
336FT10	22,400 - 56,000	38,050 - 95,124	5600	520.2	10	3.0	19,700	8935.8	23,200	10523.3	122	3098.8	224	3098.8	335.3	3098.8	122	3098.8	224	5689.6	409.1	10391.1
336FT12	26,880 - 67,200	45,660 - 114,149	6720	624.3	12	3.7	21,200	9616.2	25,200	11430.5	122	3098.8	224	3098.8	359.3	3098.8	122	3098.8	224	5689.6	457.1	11610.3

\* Based on clean bag filters.

## STANDARD FEATURES & AVAILABLE OPTIONS

Collector Design	Std	Opt
Clean-Side Bag Removal	X	
All-Welded, Carbon Steel Construction, 12 Gauge	X	
Heavy-Duty 3/16-in (4 4/5-mm) Plate Tubesheet	X	
Rated 17-inch (431.8-Millimeter) Water Gauge	X	
Compressed Air Manifold with Drain	X	
Flanged Clean Air Outlet	X	
High Performance Venturis	X	
Easy-Lift Lifting Ears	X	
Walk-In Clean Air Plenum with 10° Sloped Roof (FTP)	X	
Service Railing on Top of Collector (FTD)	X	
Integrated Exhaust Weatherhood		X
Stainless Steel Construction		X
Mountable Direct Drive Fans with Outlet Hood and Birdscreen with NEMA Premium®* Efficient Motor		X
High Performance Fan Silencer		X
Slide Gate Fan Damper		X
<b>Bags &amp; Cages</b>		
Dura-Life Twice the Life Polyester Snap-In Bag Filters	X	
Galvanized Cages	X	
Variety of Bag Media Options		X
<b>Paint System</b>		
Prime Coated Interior	X	
Durable Industrial Finish Exterior	X	
Standard Colors: Torit Blue or Storm White	X	
Special Colors		X

\* All 60 Hz motors 1 HP and above are EISA compliant and considered NEMA Premium® per Table 12-12. NEMA Premium is a registered trademark of National Electrical Manufacturers Association.

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

Hopper Design	Std	Opt
60° Pyramid Hopper	X	
Flanged Dirty Air Inlet	X	
Inlet Deflector	X	
Flanged Hopper Discharge	X	
Hopper Access Panel	X	
Coupling for High Level Indicator	X	
High Level Indicator		X
<b>Hopper Discharge</b>		
Dumpster Discharge with Pneumatic Lid and Controls		X
Rack and Pinion Gate		X
55-Gallon (208.2-Liter) Drum Cover		X
Various Rotary Valve Options		X
<b>Support Structure</b>		
36" (914.4 mm) Clearance Leg Pack	X	
Custom Clearance Leg Packs		X
<b>Electrical Controls, Gauges &amp; Enclosures</b>		
Goyen Diaphragm Valves	X	
120V Timerboard and Solenoid Valves in NEMA 4 Enclosure	X	
Magnehelic®** Gauge	X	
Photohelic®** Gauge		X
Photohelic® Gauge (Weatherproof)		X
Delta P Control Panel without Timer		X
<b>SAFETY FEATURES</b>		
4"x4" (101.6 x 101.6 mm) Bag Safety Grid (bin vent units only)	X	
Sprinkler Access Ports		X
Sprinkler Pack Assembly		X
Explosion Vents		X
<b>Warranty</b>		
10-Year Warranty	X	

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. **Call Donaldson Torit today 800-365-1331.**



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**EXACTLY WHAT YOU NEED.™**

**FT Pulse Jet Baghouse (09/12)**  
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