



CABINET DUST COLLECTORS

**SERIES 50 to 80,
MODELS 54, 64, 66, 75, 81 and 84**



Series 70 with Dust Drawer and **Series 60** with optional 5-Gallon Pail Pack and fan motor starter

Compact, self-contained dust collector delivers excellent efficiency for in-plant dust and smoke control.

- Reliable and cost-efficient filtration on nuisance dust generated in industrial operations.
- High collection efficiency of 99.9% allows recirculation of heated and/or air-conditioned plant air.
- Manually-operated filter shaker makes filter cleaning easy.
- Quick access to dust drawers and dust pails provides easy and safe maintenance.
- Filter changes have never been easier with the EZ Filter Pack™, a one-piece, lightweight filter bag that installs without tools and provides a positive pressure seal.

Excellent efficiency on nuisance dust for intermittent-duty applications.

- Grinding
- Buffing and polishing
- Machining
- Metalworking
- Packaging
- Abrasive blasting
- Dental labs
- Textiles

CABINET DUST COLLECTORS

EASY MAINTENANCE

- Factory installed filter packs include standard cotton sateen bags, polyester inserts for better airflow, galvanized bag clips, slide latches, and center support bar.
- One-piece construction includes a closed-cell urethane gasket to ensure a positive pressure seal.
- Four filter media selections and three construction choices provide a variety of options to customize the unit for your specific application.



MULTIPLE RATING TABLE

Model	Nominal Airflow* (cfm)	Motor (hp)	Inlet Qty/ Size	Velocity (fpm)	External Static Pressure ("wg)	Pressure Drop Clean Filter ("wg)
54	284	0.5	(1) 3"	5804	3.16	0.45
	231			4705	3.35	0.35
	171			3491	3.55	0.30
64	500	.75	(1) 4"	5720	3.50	0.80
	426			4950	3.90	0.60
	323			3790	4.50	0.45
	267		(2) 3"	5447	2.75	0.84
	232			4739	3.30	0.67
	184			3758	4.00	0.54
	307		(1) 3"	6269	3.75	0.40
	256			5222	4.00	0.35
	188			3842	4.30	0.26
66	549	0.5	(1) 3"	33.53	1.045	0.90
	263			5374	4.32	0.25
	196			4005	4.45	0.22
	136			2775	4.78	0.16
75	550	1	(1) 4"	6322	4.90	0.72
	500			5747	5.30	0.65
	450			5172	5.40	0.56
	400			4598	5.50	0.48
	325		(2) 3"	6633	4.50	0.90
	290			5918	4.90	0.80
	230			4694	5.40	0.60
	335		(1) 3"	6837	4.70	0.40
	300			6122	4.90	0.30
	200			4082	5.30	0.20
	175			3571	5.40	0.15

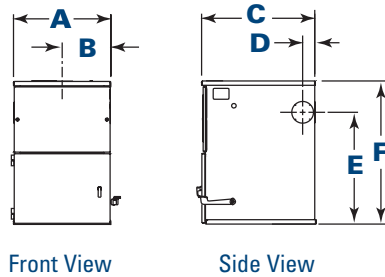
Model	Nominal Airflow* (cfm)	Motor (hp)	Inlet Qty/ Size	Velocity (fpm)	External Static Pressure ("wg)	Pressure Drop Clean Filter ("wg)
81	1071	1.5	(1) 6"	5462	3.70	1.15
	987			5034	4.20	1.05
	874			4460	4.70	0.90
	524			6021	3.75	1.05
	475		(2) 4"	5462	4.50	0.90
	418			4806	5.00	0.75
	599			6890	4.80	0.45
	493		(1) 4"	5664	5.00	0.30
	424			4873	5.00	0.25
84	1231	3	(1) 6"	6281	5.00	2.05
	1143			5831	5.80	1.85
	1036			5283	6.60	1.78
	875			4460	7.30	1.05
	652		(2) 4"	7493	5.90	2.20
	573			6581	6.85	1.85
	438			5034	7.90	1.05
	1155		(1) 5"	8491	7.80	1.85
	997			7330	8.90	1.75
	789			5804	8.55	0.89
	700		(1) 4"	8050	7.75	0.59
	610			6994	7.80	0.46
	505			5804	7.80	0.31

* Based on clean filters.

CABINET DUST COLLECTORS

DIMENSIONS & SPECIFICATIONS

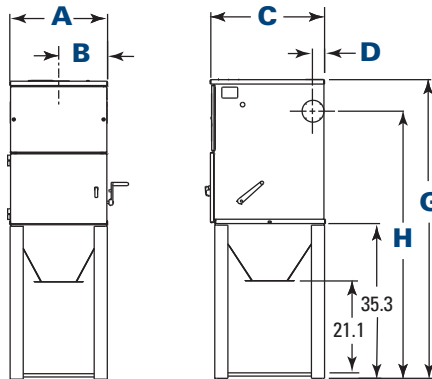
Cabinet Base



Front View

Side View

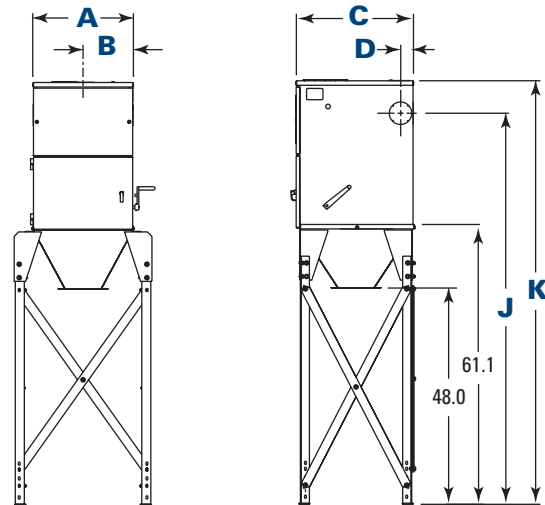
5-Gallon Pail Pack



Front View

Side View

55-Gallon Drum Pack



Front View

Side View

Model Series	Dimensions (inches)									
	A	B	C	D	E	F	G	H	J	K
50	22.3	11.2	21.3	2.6	21.9	26.9	62.2	57.2	N/A	N/A
60	22.4	11.2	26.6	2.8	25.7	32.9	68.2	61.0	86.8	94.0
70	22.4	11.2	26.6	2.8	36.3	43.5	78.9	71.1	97.5	104.7
80	28.5	14.2	29.3	4.3	40.6	47.8	83.5	75.9	101.7	109.3

Model Series	Filter Area (ft ²)	No. of Bags	Dust Drawer Capacity (ft ³)	Hopper Capacity (ft ³)	Shipping Weight (lbs)		
					Cabinet Base	5-Gallon Pail	55-Gallon Drum
50	30	24	0.43	1.86	165	236	--
60	60	24	0.43	2.34	170	265	298
70	120	24	0.38	2.34	245	340	372
80	150	30	1.30	3.16	365	472	495

CABINET DUST COLLECTORS

STANDARD FEATURES & AVAILABLE OPTIONS

STANDARD	OPTIONAL
Heavy-gauge, fully-welded cabinet	Brass shaker bar
Galvanized shaker bar	Aluminum fan wheel
Factory installed cotton sateen filter packs	Explosion-proof motor
Dynamically balanced steel fan wheel	5-gallon pail pack
Inlet locations on top and all three sides	55-gallon drum pack
Blue indoor industrial-grade texturized paint	Slide gate
TEFC motor*	Hopper or dump hopper
115/230/60/1 or 208-230/460/60/3 voltages (availability based on collector size)	Inlet collar kit
10-year warranty	Exhaust deflector
	Chamber, attenuator, or stack silencer
	Suction-tube assembly
	Outrigger pack
	Explosion vent
	HEPA filter
	Motor starter
	Casters
	Magnehelic®** gauge
	EZ Filter Pack
	• Polyester sateen • Polypropylene • Nonspark • Woven polyester • Stainless steel construction

* All 60 Hz motors 1 HP and above are EISA compliant.

** Magnehelic® is a registered trademark of Dwyer Instruments, Inc.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. [Browse our catalog at donaldson.com](https://www.donaldson.com/torit)



Donaldson Company, Inc.
Torit
P.O. Box 1299
Minneapolis, MN
55440-1299 U.S.A.

Tel 800-365-1331 (USA)
Tel 800-343-3639 (within Mexico)

donaldson.com
[donaldson.com](https://www.donaldson.com/torit)



Data Sheet Cabinet 50-80 Dust Collectors (08/11)

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