

Reliable and economical solutions to in-plant dust and smoke control problems.

- Efficient, compact design handles a wide range of dust applications from 1200 to 2000 cfm (2038 to 3397 m<sup>3</sup>/h)
- High collection efficiency of 99.9%+ by weight allows recirculation of heated or air-conditioned plant air
- Quick access to dust drawers and dust pails provides easy and safe maintenance
- Manually-operated filter shaker makes filter cleaning easy
- Four filter media and three construction choices provide a variety of options to customize the unit for your specific application
- Inlet locations on top and three sides create installation flexibility
- All 60 Hz motors are compliant with the Energy Independence and Security Act of 2007 (ESIA)

Good choice for low-airflow, light-loading applications that do not require continuous airflow.

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



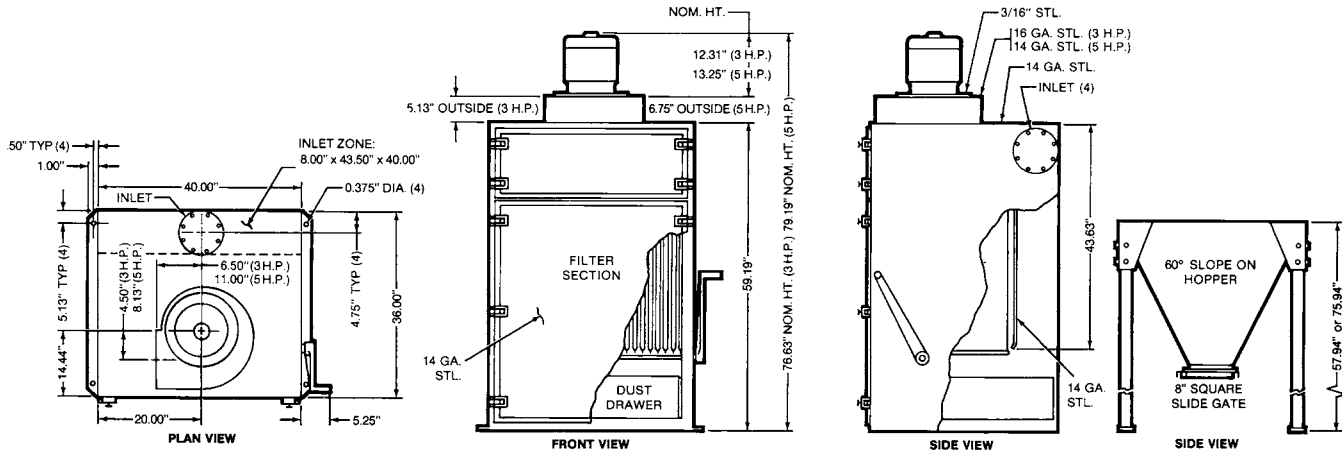
**Cabinet 90**  
(door not shown)

## STANDARD FEATURES & AVAILABLE OPTIONS

STANDARD	OPTIONAL
Heavy-gauge, fully-welded cabinet	Inlet collar kits
Galvanized shaker bag	Casters for portability
Galvanized dust drawer	Suction-tube assembly
Dynamically balanced steel fan wheel	55-gallon (208.2-liter) drum pack
208/230/460/60/3 voltages	Slide gate pack
Blue, indoor, industrial-grade texturized finish	Weather-protective paint
TEFC blower motor (EISA compliant)	Chamber, attenuator, or stack silencer
10-year warranty	Magnehelic® gauge
Factory installed cotton-sateen filter packs	115/230/60/1; 380/50/3; 575/60/3 voltage

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

# DIMENSIONS & SPECIFICATIONS



## MODEL 90

Nominal Airflow*		Filter Area		Blower Motor	Inlet			Velocity		External Static Pressure	Pressure Drop Clean Filter	Shipping Weight Dust Drawer		Shipping Weight Hopper	
cfm per inlet	m <sup>3</sup> /h per inlet	ft <sup>2</sup>	m <sup>2</sup>	hp	qty	in	mm	fpm	m/min	"wg	"wg	lbs	kg	lbs	kg
1535	2607	250	23.2	3	1	7	76.2	5734	1747.7	4.5	0.65	700	317.5	800	362.9
1432	2432	250	23.2	3	1	7	76.2	5343	1628.5	5.5	0.56	700	317.5	800	362.9
1215	2064	250	23.2	3	1	7	76.2	4531	1381.0	6.5	0.44	700	317.5	800	362.9
1425	2421	250	23.2	3	1	6	76.2	7275	2217.4	5.4	0.58	700	317.5	800	362.9
1203	2043	250	23.2	3	1	6	76.2	6135	1869.9	6.4	0.45	700	317.5	800	362.9
895	1520	250	23.2	3	1	6	76.2	4566	1391.7	7.1	0.30	700	317.5	800	362.9
793	1347	250	23.2	3	2	5	76.2	5831	1777.3	3.6	0.66	700	317.5	800	362.9
751	1276	250	23.2	3	2	5	76.2	5521	1682.8	4.8	0.62	700	317.5	800	362.9
649	1102	250	23.2	3	2	5	76.2	4773	1454.8	6.1	0.50	700	317.5	800	362.9
2000	3397	250	23.2	5	1	8	76.2	5700	1737.4	5.5	2.05	700	317.5	825	374.2
1800	3058	250	23.2	5	1	8	76.2	5190	1581.9	6.3	1.80	700	317.5	825	374.2
1600	2718	250	23.2	5	1	8	76.2	4500	1371.6	7.5	1.45	700	317.5	825	374.2

\* Based on clean filters.

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



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

donaldsontorit@donaldson.com  
donaldsontorit.com

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

**EXACTLY WHAT YOU NEED.™**

Data Sheet Cabinet 90 Dust Collectors (09/12)  
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