



CABINET DUST COLLECTORS

MODEL CABINET 90

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 m³/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 (EISA)

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



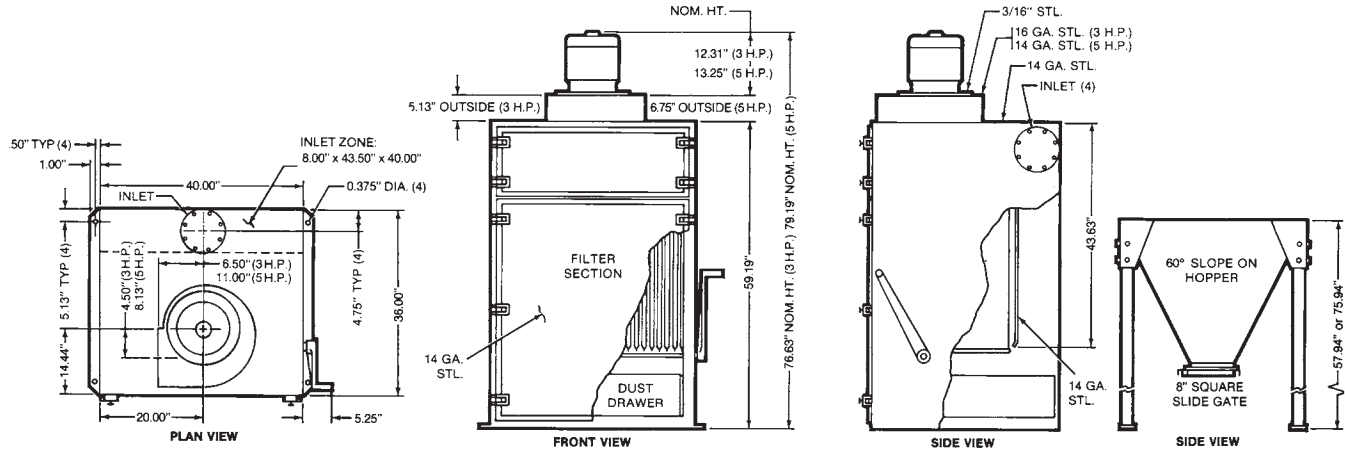
Cabinet 90
(door not shown)

STANDARD FEATURES & AVAILABLE OPTIONS

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

† 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 ³ /h per inlet	ft ²	m ²	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. † Donaldson Torit equipment is designed to IBC guidelines for specific wind speed exposure and seismic spectral acceleration at grade level. Contact your Donaldson Torit representative for detailed information available on the equipment's Spec Control drawings. Equipment may be customized to meet unique, customer-specified site requirements.

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

Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.



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