



# 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 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 (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



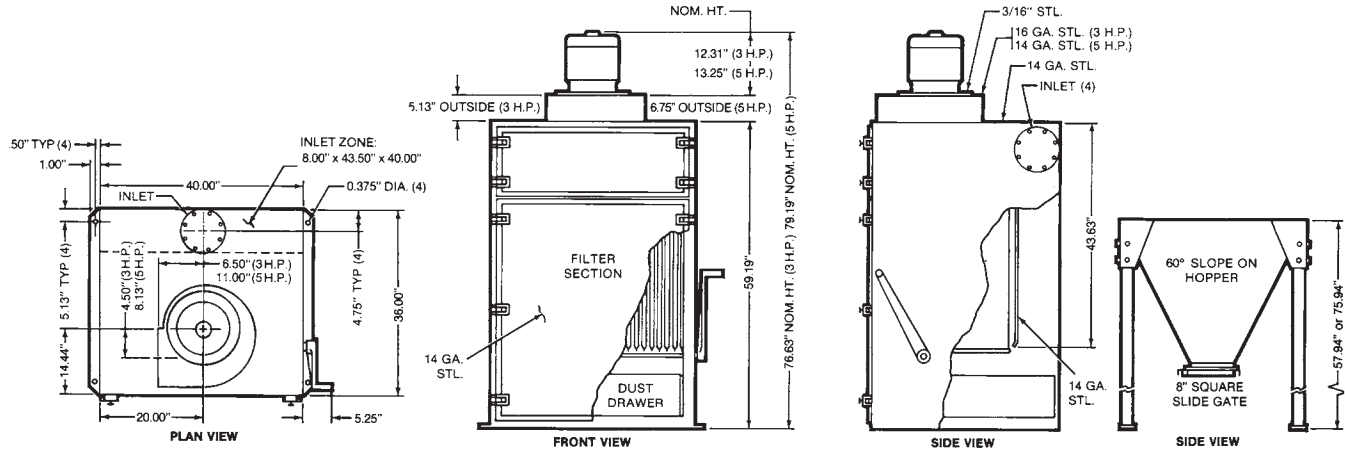
**Cabinet 90**  
(door not shown)

## 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 <sup>®</sup> 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 <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. † 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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