

TC-4 Free-Hanging Dust Collector

Features & Benefits

- **Class II direct-drive blower:**
Higher static pressure, longer filter life and greater reliability; non-sparking; no belts or pulleys to replace.
- **Non-electrostatic operation:**
High reliability, low maintenance.
- **Four-way adjustable airfoil grille:**
For precision direction of air back into facility.
- **Maximum air flow design for light to medium applications:**
Improves operating efficiency.
- **Prewired to junction box:**
For fast, easy installation.
- **Cleanable Filters:**
Reduces filter replacement costs.
- **Vibra-Pulse® Filter Cleaning System:**
Cleans filters 75% more effectively than reverse pulse systems.
- **Auto-Clean off-line filter cleaning:**
Automatically cleans filters when unit is shut off.
- **Dual Hopper Design:**
Extends maintenance cycles.

- **Regulator**

Specifications

Construction:

16 and 18 ga. steel cabinet, powder coated

Blower Pkg (HP):

3.0, 60 Hz
2.0, 50 Hz

Noise Level (dBA):

82

Electrical:

3.0 HP - 208-230/460/575/3/60, 8.6/4.3/3 amps, std.
2.0 HP - 190/380/3/50, 7.2/3.6

Nominal CFM (in.):

2650, 60 Hz
2150, 50 Hz

Weight (lbs.):

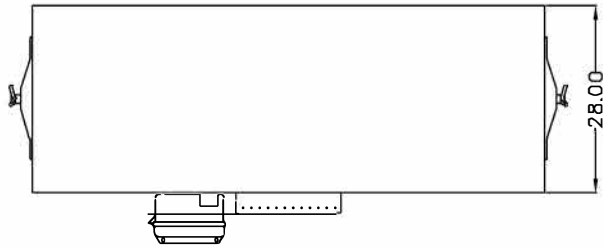
450

Dimensions

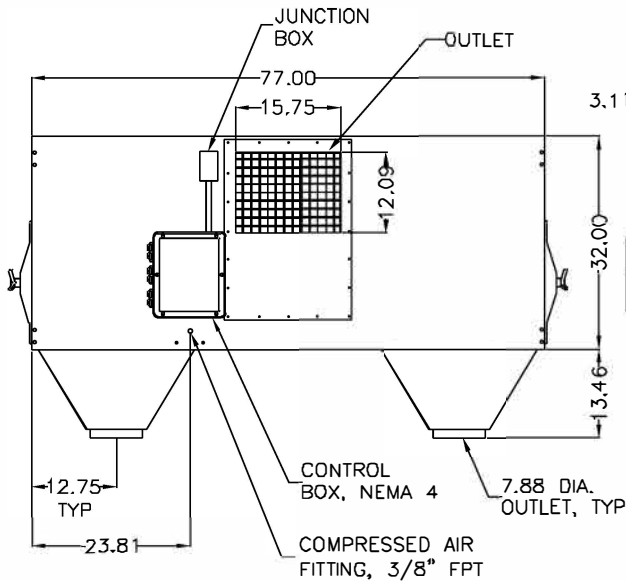
Length:	77.00"
Height:	32.00"
Depth:	31.00"

Options

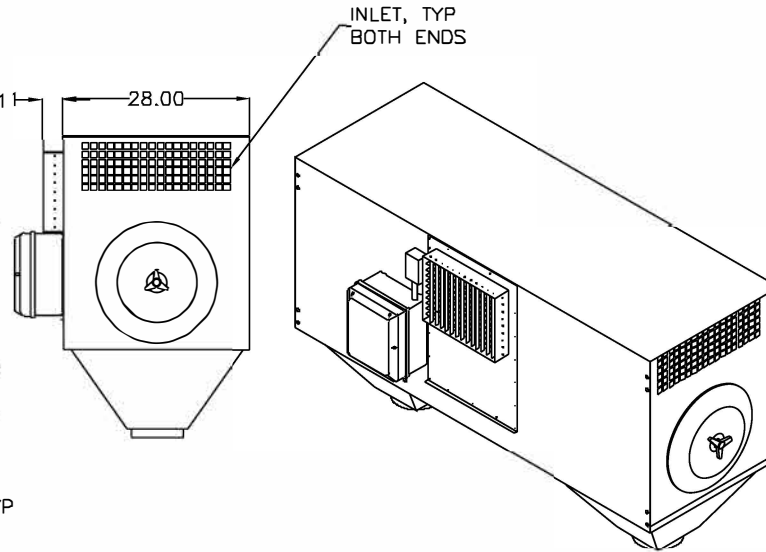
- **Pressure Gauge Kit:**
Indicates when filters require cleaning.
- **Silencer:**
Reduces noise by 4 dBA.
- **Mounting Brackets:**
Speeds installation, reduces maintenance expense.



TOP VIEW



SIDE VIEW



END VIEW

SPECIFICATIONS:

CONSTRUCTION: 16 and 14 Gauge steel cabinet finished with a 2-part chemical and oil resistant paint. Includes side access panel to motor, removable endcaps for easy access to filters, (2) hoppers with a 7.88 diameter outlet, automatic filter cleaning, and a direct driven, ball bearing, BI blower w/4-way adjustable airfoil blade exhaust grille. Motor wired to junction box outside unit. Motor starters/disconnects not included.

WEIGHT: 450 lbs. SHIP WT: 685 lbs.

AIRFLOW: 2650 CFM
2500 CFM - 50HZ

NOISE: 82 dBA / 78 with silencer

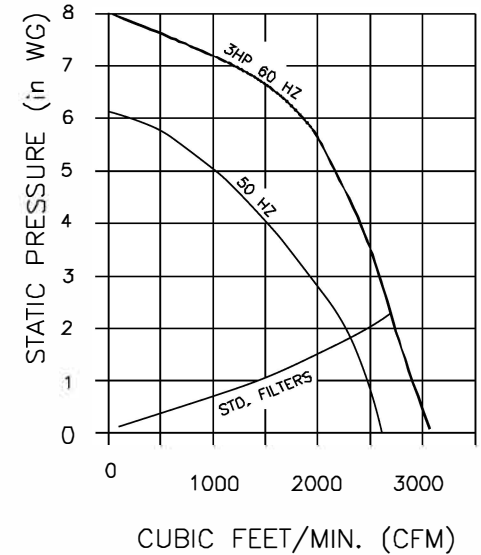
ELECTRICAL: 3 HP 208-230/460/575/3/60, 8.6/4.3/3 amps, std.
 3 HP 220/380/440/3/50, 8.4/4.7/4.2 amps, std.

MAIN FILTERS: (4) 150 ft² CLEAN 2⁰ cartridges, std.
 (4) 75 ft² Fiber Dust⁰ cartridges, opt.
 (4) Spunband cartridges, opt.

OTHER OPTIONS: Pressure gauge kit indicates filter changes
 Mounting brackets
 Silencer

* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

PERFORMANCE CURVES



NOTES:

Items designated as are included in this proposal

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Diversified Air Systems, Inc
Phone: 800-264-8958

DRAWN BY
CB
DATE
10-6-00
SCALE

TITLE
MODEL TC-4

DRAWING NO.: TC-4SPEC (29-2876/B)