

TC-4

HIGH-EFFICIENCY AIR CLEANER



SPECIFICATIONS

Construction:	16 and 14 ga. steel cabinet, powder coated
Blower Pkgs (HP):	3 (60 Hz)
Noise Level (dBA):	82
Electrical:	3 HP - 208-230/460/3/60, 7.9-7.3/3.6 amps, std. 3 HP - 220/380/490/3/50, 8.4/4.7/4.2 amps, opt.
Dimensions:	W- 77" H- 45" (including the hoppers) D- 28"
Air Flow Max (CFM):	2650
Weight (lbs.):	450



High-Performance Industrial Air Cleaner with Advanced Filtration

The Airflow Systems TC-4 is a high-performance ambient air cleaner for light to medium-duty industrial use, providing efficient dust collection with low maintenance needs. Its Class II direct-drive blower delivers higher static pressure, longer filter life, and spark-resistant operation without belts or pulleys. The unit uses non-electrostatic, cleanable filters and the Vibra-Pulse® system, which cleans up to 75% more effectively than traditional reverse pulse systems. An automatic off-line cleaning function maintains filter performance during shutdown, while the dual hopper design extends service intervals. It also includes a four-way adjustable airfoil grille for airflow control and a prewired junction box for quick installation.

Options

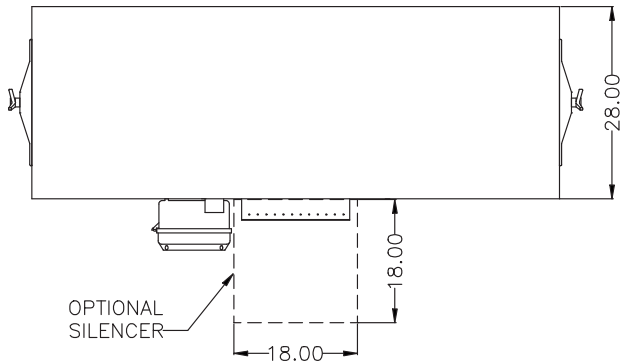
- **Pressure Gauge Kit:** Indicates when filters require cleaning.
- **Silencer:** Reduces noise by 4 dBA.
- **Cartridge Media:** For specific applications.
- **Mounting Brackets:** Speeds installation, reduces maintenance expense.

Features & Benefits

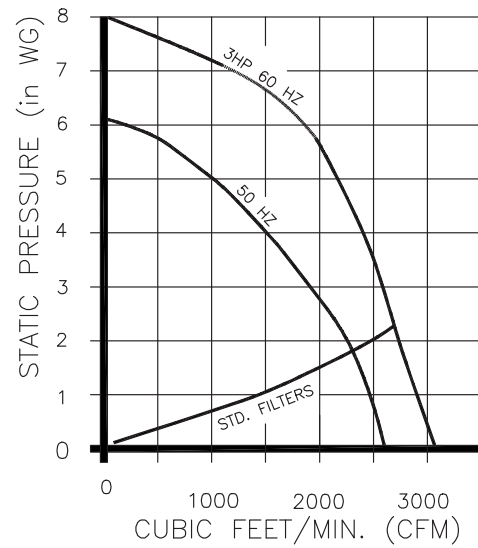
- **Class II Direct-Drive Blower:** Higher static pressure, longer filter life and greater reliability; spark resistant; no belts or pulleys to replace.
- **Non-electrostatic Operation:** High reliability, low maintenance.
- **Four-way Adjustable Airfoil Grille:** For precision direction of air back 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.

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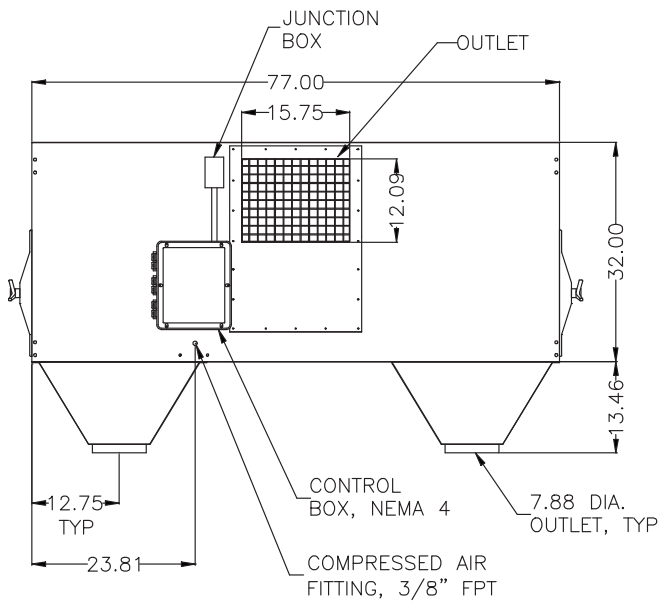
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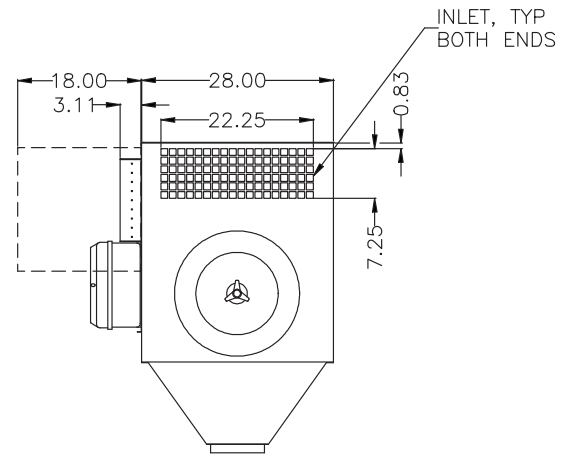
TOP VIEW



PERFORMANCE CURVES



SIDE VIEW



END VIEW