

TH-280 SERIES

HIGH-EFFICIENCY AIR CLEANER

Airflow
SYSTEMS INC.



TH-280H



TH-280V

Industrial-Grade Air Purification with Dual-Stage Filtration Technology

The Airflow Systems TH-280 Series high-efficiency air filtration system features 2 stage filtration. The TH-280 Series collects smoke, dust, odors, and other airborne pollutants in industrial and commercial environments. The TH-280 Series is a complete, packaged system to achieve efficient and economical clean air in your place of business.

One, or several TH-280 Series units continuously recirculate and clean the air resulting in dramatic reductions of bothersome smoke, dust and odor in your facility. The non-electrostatic design of these air cleaners eliminates the problem of snapping and popping common with old-fashioned electrostatic models. Disposable pre-filters, along with four primary bag filters combine to provide filtration efficiency at noise levels as low as 71 dBA with 3 HP and silencer.

Industrial Applications

Sanding and finishing, metalworking and fabrication, surface polishing and buffing, welding, vocational schools and training, composites and plastics, chemical processing, oil mist smoke and fumes, powder processing, woodworking dust and fumes

Features & Benefits

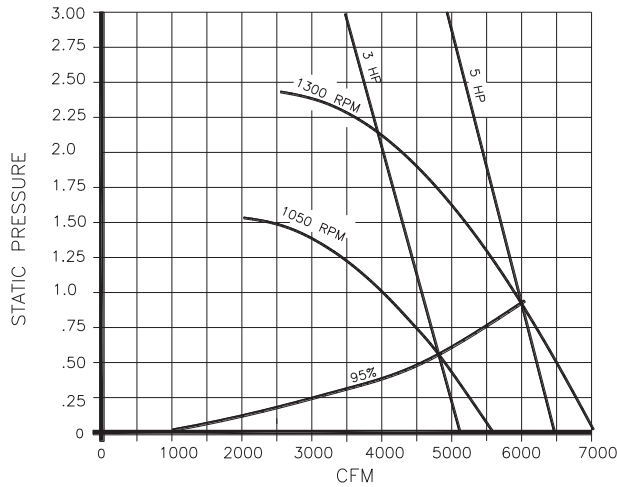
- **16 Gauge, Zinc-Coated, Steel Cabinet:** Chemical- and oil- resistant 2-part finish provides improved performance and cleanability relative to plastic-panel designs.
- **Formed-Steel Cabinet Construction:** Eliminates seam ripples and gaps; improves operating efficiency.
- **O-Frame Filter Mounting System:** Eliminates contaminant bypass of filters; improves filter collection efficiency.
- **Industrial-Service Blower:** Efficiently manages repeating air cycles of collection, filtration, and discharge of clean, cool air.
- **Multiple System Configurations:** Application-specific system design enables; various mounting options to meet facility requirements.

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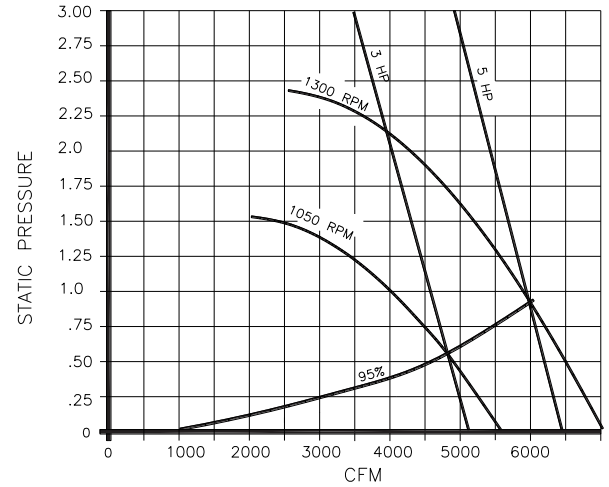
HIGH-EFFICIENCY AIR CLEANER



PERFORMANCE CURVES



PERFORMANCE CURVES



Model Specifications

	TH-280H	TH-280V
Construction	16 ga., formed steel, zinc-coated cabinet.	16 ga., formed steel, zinc-coated cabinet.
Blower Pkgs (HP)	3, 5	3, 5
Noise Level (dBA)	74 (3 HP), 77 (5 HP)	74 (3 HP), 77 (5 HP)
Electrical	3 HP - 208-230/460/3/60, 8.6/4.3 amps 5 HP - 208-230/460/3/60, 14.0-13.2/6.6 amps	3 HP - 208-230/460/3/60, 8.6/4.3 amps 5 HP - 208-230/460/3/60, 14.0-13.2/6.6 amps
Air Flow Max (CFM)	4700 (3 HP), 6000 (5 HP)	4700 (3 HP), 6000 (5 HP)
Dimensions	W- 72" H- 24" D- 50"	W- 72" H- 50" D- 24"
Weight (lbs.)	325	325
Options	Pressure Gauge Kit: Indicates when filters require cleaning. Craddle-Style Mounting Kit: Simplifies ceiling-mount installation & access. External, Heavy-Duty Silencer: Reduces already quiet operation to 71 dBA at 3 HP. Easy-Clean Multi-Pocket Bag Filters: Provide MERV 14 efficiency; easy cleaning.	Pressure Gauge Kit: Indicates when filters require cleaning. Craddle-Style Mounting Kit: Simplifies ceiling-mount installation & access. External, Heavy-Duty Silencer: Reduces already quiet operation to 71 dBA at 3 HP. Easy-Clean Multi-Pocket Bag Filters: Provide MERV 14 efficiency; easy cleaning.