



# T140 Free-Hanging Dust Collector

## Features & Benefits

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- **Belt drive blower:**  
Higher static and flow performance.
- **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.

## Dimensions

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<b>Width:</b>	24.00"
<b>Height:</b>	24.00"
<b>Depth:</b>	72.00"

## Options

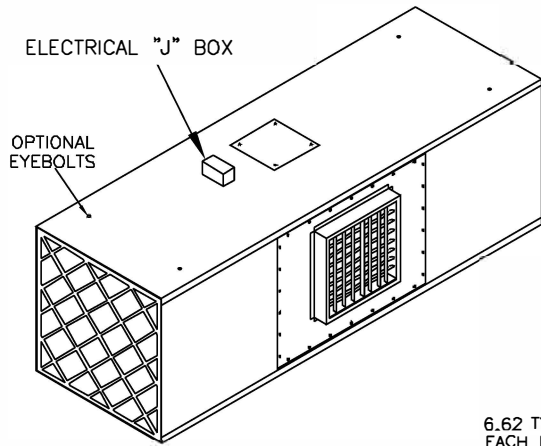
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- **Pressure Gauge Kit:**  
Indicates when filters require cleaning.
- **Silencer:**  
Reduces noise by 3 dBA.
- **95% Efficiency Multi-Pocket Filter**
- **3 HP Motor Blower/ Class II Blower**  
Higher static and flow performance
- **Easy-Clean Main Filter:**  
For dry dust applications; includes polyester membrane cleanable bag filter with 95% efficiency.

## Specifications

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- **Construction:**  
18 ga. steel cabinet, powder coated
- **Blower Pkg (HP):**  
2.0, 3.0
- **Noise Level (dBA):**  
74, 2 HP  
77, 3 HP
- **Electrical:**  
2.0 HP - 208-230/460/575/3/60, 6.5-6.2/3.1 amps, std.  
3.0 HP - 230/460/575/3/60, 8.6/4.3  
2.0 HP - 190/380/3/50, 7.2/3.6  
3.0 HP - 190/380/3/50, 11.3/5.65
- **Nominal CFM (in.):**  
3600, 4500, 60 Hz  
3600, 4500, 50 Hz
- **Weight (lbs.):**  
240



**CONSTRUCTION:** 16 Gauge steel cabinet finished with a 2-part chemical and oil resistant paint. Includes 0-frame main filter seal, top access panel to motor, and a belt driven ball bearing 10x10 blower w/4-way adjustable airfoil blade exhaust grille. Motor wired to junction box outside unit. Motor starters/disconnects not included.

**WEIGHT:** 240 lbs.  
**AIRFLOW:** 3600 CFM (2 HP std.)  
 4500 CFM (3 HP opt.)  
**NOISE:** 74 dBA / 77 dBA  
 71 dBA / 74 dBA w/silencer

**ELECTRICAL:**  2 HP 208-230/460/3/60, 6.5-6.2/3.1 amps, std.  
 3 HP 208-230/460/3/60, 8.6/4.3 amps, opt.

**FILTER SEAL:** Welded picture frame with gasket.

**SPECIFICATIONS:**

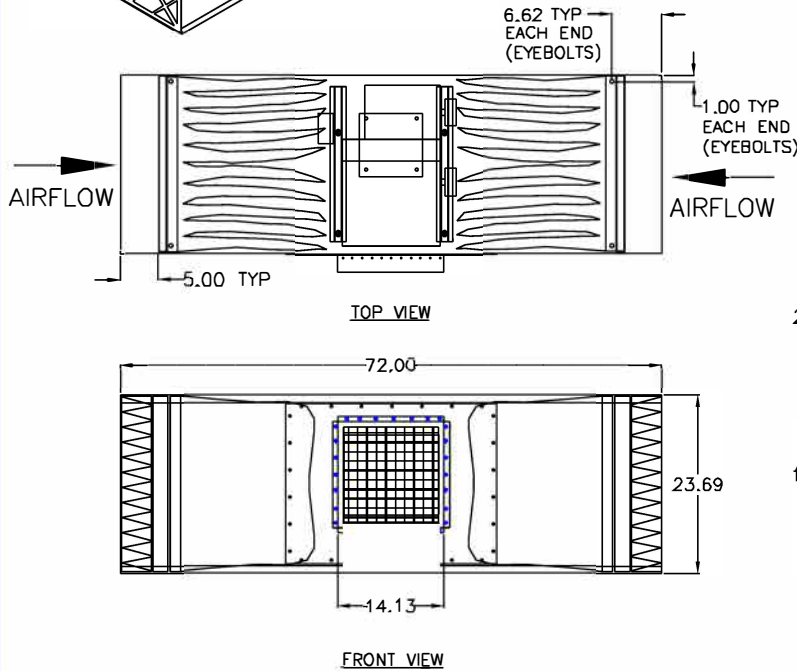
**AIR TO CLOTH:** 27 CFM/FT<sup>2</sup> (2 OR 3 HP)

**PREFILTERS:** (2) 4" Pleated std.

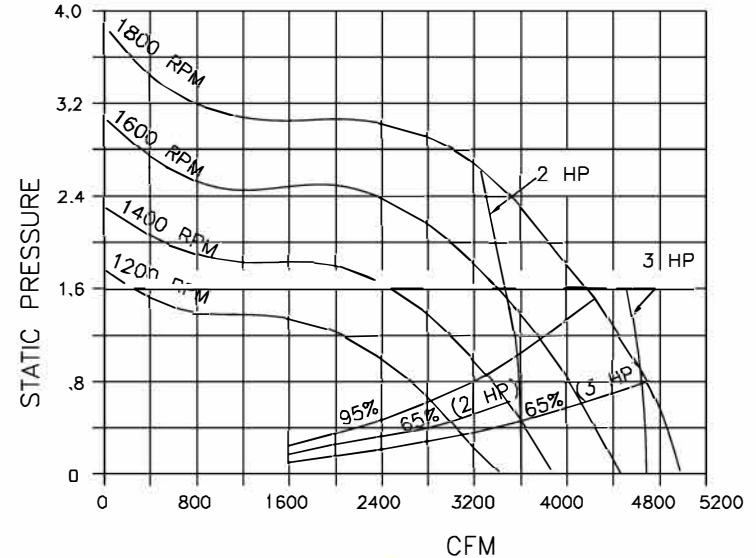
**MAIN FILTERS:**  (2) 66 ft<sup>2</sup> multi-pocket 65%, std.  
 (2) 95% - opt.  
 (2) Easy clean, opt.  
 (2) 83 ft<sup>2</sup> multi-pocket 65% (3 HP option)

**OTHER OPTIONS:**  Pressure gauge kit indicates filter changes  
 Mounting eye-bolts.

\* 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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DRAWN BY CB	TITLE MODEL T140
DATE 11-11-97	
SCALE	DRAWING NO.: T140SPEC (72-1456/C)