



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

## MODEL G0442HEP 5 HP DUAL-FILTRATION HEPA CYCLONE DUST COLLECTOR

### Product Dimensions:

Weight..... 750 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 80-1/2 x 51 x 111-1/4 in.  
Footprint (Length x Width)..... 80-1/2 x 51 in.

### Shipping Dimensions:

#### Carton #1

Type..... Cardboard Box on Pallet  
Content..... Machine  
Weight..... 448 lbs.  
Length x Width x Height..... 61 x 30 x 37 in.

#### Carton #2

Type..... Cardboard Box  
Content..... HEPA Cartridge Filter  
Weight..... 98 lbs.  
Length x Width x Height..... 45 x 27 x 35 in.

#### Carton #3

Type..... Cardboard Box  
Content..... HEPA Cartridge Filter and HEPA Stand Legs  
Weight..... 117 lbs.  
Length x Width x Height..... 45 x 27 x 35 in.

#### Carton #4

Type..... Cardboard Box  
Content..... Filter Outlet Connector and HEPA Filter Adapter  
Weight..... 77 lbs.  
Length x Width x Height..... 38 x 19 x 22 in.

#### Carton #5

Type..... Cardboard Box  
Content..... Stand  
Weight..... 86 lbs.  
Length x Width x Height..... 40 x 14 x 7 in.

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 22.4A  
Minimum Circuit Size..... 40A  
Connection Type..... Permanent (Hardwire to Shutoff Switch)  
Switch Type..... Remote Control Magnetic Switch w/Overload Protection

**Motors:**

**Main**

Horsepower..... 5 HP  
Phase..... Single-Phase  
Amps..... 22.4A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction (Class F)  
Power Transfer ..... Direct Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

**Main Specifications:**

**Operation**

Dust Collector Type..... Two-Stage (Cyclone)  
Approved Dust Types..... Wood  
Filter Type..... Cartridge and HEPA  
Airflow Performance..... 2184 CFM @ 1.9 in. SP  
Max Static Pressure (at 0 CFM)..... 14 in.  
Main Inlet Size..... 10 in.  
Inlet Adapter Included..... Yes  
Number of Adapter Inlets..... 1  
Adapter Inlet Size..... 8 in.  
Machine Collection Capacity At One Time..... 4  
Maximum Material Collection Capacity..... 7.4 cu. ft.

**Filter Information**

Filtration Rating..... 99.97% @ 0.3 Micron  
Filter Surface Area..... 226 sq. ft.

**Bag Information**

Number of Lower Bags..... 2  
Lower Bag Diameter..... 19-3/4 in.

**Canister Information**

Number of Canister Filters..... 2  
Canister Filter Diameter..... 19-11/16 in.  
Canister Filter Length..... 39-3/8 in.  
Collection Drum Size..... 55 Gallons

**Impeller Information**

Impeller Type..... Radial Fin  
Impeller Size..... 16 in.

**Construction**

Lower Bag..... Clear Plastic  
Canister..... Spun Bond Polyester  
Frame..... Steel Sheet Metal (14 ga.)  
Impeller..... Steel  
Paint Type/Finish..... Powder Coated  
Blower Housing..... 11-Gauge Steel  
Body..... 14-Gauge Steel  
Collection Drum..... Steel

**Other Specifications:**

Country of Origin ..... Taiwan  
Warranty ..... 1 Year  
Approximate Assembly & Setup Time ..... 5 Hours  
Serial Number Location ..... ID Label  
Sound Rating ..... 79 – 81 dB  
ISO 9001 Factory ..... Yes  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... Yes

**Features:**

Dual-Filtration with BIA-Certified Cartridge Filter and V-Cell MERV-17 HEPA Filter  
Blower and Barrel Rotate 360 degrees for Inlet and Outlet Positioning  
Casters Mounted on Collection Drum for Easy Moving  
Clear, Disposable Plastic Collection Bags  
Gentle Brush-Cleaning Mechanism Inside Cartridge Filter  
Ramped Inlet Maximizes Dust Flow into Collection Drums  
Reinforced Motor Mount  
Remote-Controlled Magnetic Switch  
Rugged Steel Stand  
Powerful Class "F" Motor  
Filter 1: 99.9% at 0.2 – 2 Micron  
Filter 2: 99.7% at 0.3 Micron (HEPA)