



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)