



MACHINE DATA SHEET

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

MODEL G0443HEP 1-1/2 HP DUAL-FILTRATION HEPA CYCLONE DUST COLLECTOR

Product Dimensions:

Weight..... 370 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 54-1/2 x 33 x 87-1/2 in.
Footprint (Length x Width)..... 54-1/2 x 33 in.

Shipping Dimensions:

Carton #1

Type..... Cardboard Box on Pallet
Content..... Machine
Weight..... 227 lbs.
Length x Width x Height..... 54 x 28 x 30 in.

Carton #2

Type..... Cardboard Box
Content..... HEPA Cartridge Filter
Weight..... 84 lbs.
Length x Width x Height..... 45 x 19 x 31 in.

Carton #3

Type..... Cardboard Box
Content..... HEPA Filter Adapter
Weight..... 15 lbs.
Length x Width x Height..... 33 x 10 x 11 in.

Carton #4

Type..... Cardboard Box
Content..... Stand
Weight..... 75 lbs.
Length x Width x Height..... 36 x 14 x 7 in.

Electrical:

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 18.8A at 110V, 9.4A at 220V
Minimum Circuit Size..... 30A at 110V, 15A at 220V
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 126 in.
Power Cord Gauge..... 12 AWG
Plug Included..... No
Recommended Plug Type..... L5-30 for 110V, 6-15 for 220V
Switch Type..... Remote Control Magnetic Switch w/Overload Protection
Voltage Conversion Kit..... P0443004C for 220V

Motors:

Main

Horsepower..... 1.5 HP
Phase..... Single-Phase
Amps..... 18.8A/9.4A
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..... 1025 CFM @ 2.6 in. SP
Max Static Pressure (at 0 CFM)..... 10.3 in.
Main Inlet Size..... 6 in.
Inlet Adapter Included..... No
Machine Collection Capacity At One Time..... 2
Maximum Material Collection Capacity..... 4.7 cu. ft.

Filter Information

Filtration Rating..... 99.97% @ 0.3 Micron
Filter Surface Area..... 96 sq. ft.

Bag Information

Number of Lower Bags..... 1
Lower Bag Diameter..... 15-3/4 in.

Canister Information

Number of Canister Filters..... 1
Canister Filter Diameter..... 15-3/4 in.
Canister Filter Length..... 46-3/4 in.
Collection Drum Size..... 35 Gallons

Impeller Information

Impeller Type..... Radial Fin
Impeller Size..... 12-1/2 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 4 Hours
Serial Number Location ID Label
Sound Rating 75 – 76 dB
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

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
Wall-Mountable Blower Design
14-Gauge Steel Stand
Powerful Class "F" Motor
220V Conversion Kit (Model H7498) Available as an Option
Filter 1: 99.9% at 0.2 – 2 Micron
Filter 2: 99.7% at 0.3 Micron (HEPA)