MACHINE DATA SHEET

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

MODEL G0637HEP 7-1/2 HP 3-PHASE DUAL-FILTRATION HEPA CYCLONE DUST COLLECTOR

Product Dimensions:

Weight..... 939 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 96-1/4 x 52-1/2 x 139-1/2 in.
Footprint (Length x Width)..... 96-1/4 x 52-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 824 lbs.
Length x Width x Height..... 90 x 39 x 43 in.

Carton #2

Type..... Cardboard Box
Content..... HEPA Cartridge Filter
Weight..... 119 lbs.
Length x Width x Height..... 53 x 27 x 35 in.

Carton #3

Type..... Cardboard Box
Content..... HEPA Cartridge Filter and HEPA Stand Legs
Weight..... 119 lbs.
Length x Width x Height..... 53 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.

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 25A at 220V, 12.5A at 440V
Minimum Circuit Size..... 50A at 220V, 20A at 440V
Connection Type..... Permanent (Hardwire to Shutoff Switch)
Switch Type..... Remote Control Magnetic Switch w/Overload Protection
Voltage Conversion Kit..... P0637119V2 for 440V
Recommended Phase Converter..... G5845

Motors:

Main

Horsepower..... 7.5 HP
Phase..... 3-Phase
Amps..... 25A/12.5A
Speed..... 3450 RPM
Type..... TEFC Induction (Class F)
Power Transfer ..... Direct Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation

Dust Collector Type	Two-Stage (Cyclone)
Approved Dust Types	Wood
Filter Type	Cartridge and HEPA
Airflow Performance	3468 CFM @ 4.3 in. SP
Max Static Pressure (at 0 CFM)	14.73 in.
Main Inlet Size	10 in.
Inlet Adapter Included	No
Machine Collection Capacity At One Time	4
Maximum Material Collection Capacity	20 cu. ft.

Filter Information

Filtration Rating	99.97% @ 0.3 Micron
Filter Surface Area	261 sq. ft.

Bag Information

Number of Lower Bags	2
Lower Bag Diameter	22-7/16 in.
Lower Bag Length	26-3/4 in.

Canister Information

Number of Canister Filters	2
Canister Filter Diameter	19-11/16 in.
Canister Filter Length	47-1/4 in.
Collection Drum Size	55 Gallons

Impeller Information

Impeller Type	Radial Fin
Impeller Size	18 in.
Impeller Blade Thickness	3/8 in.

Construction

Lower Bag	Clear Plastic
Canister	Spun Bond Polyester
Frame	Steel Sheet Metal (13 ga.)
Impeller	Steel
Paint Type/Finish	Powder Coated
Blower Housing	11-Gauge Steel
Body	16-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	78 – 80 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
Steel Collection Drums with Casters for Easy Dust Disposal
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)