



# MACHINE DATA SHEET

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

## MODEL G0638HEP 10 HP 3-PHASE DUAL-FILTRATION HEPA CYCLONE DUST COLLECTOR

### Product Dimensions:

Weight..... 1047 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..... 975 lbs.  
Length x Width x Height..... 90 x 39 x 43 in.

#### Carton #2

Type..... Cardboard Box  
Content..... HEPA Cartridge Filter  
Weight..... 250 lbs.  
Length x Width x Height..... 65 x 27 x 35 in.

#### Carton #3

Type..... Cardboard Box  
Content..... HEPA Cartridge Filter and HEPA Stand Legs  
Weight..... 250 lbs.  
Length x Width x Height..... 65 x 27 x 35 in.

#### Carton #4

Type..... Cardboard Box  
Content..... Filter Outlet Connector and HEPA Filter Adapter  
Weight..... 80 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..... 30A at 220V, 15A 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..... P0638119V2 for 440V  
Recommended Phase Converter..... G7978

### Motors:

#### Main

Horsepower..... 10 HP  
Phase..... 3-Phase  
Amps..... 30A/15A  
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.....	4029 CFM @ 4.3 in. SP
Max Static Pressure (at 0 CFM).....	16.8 in.
Main Inlet Size.....	12 in.
Inlet Adapter Included.....	No
Machine Collection Capacity At One Time.....	4
Maximum Material Collection Capacity.....	20 cu. ft.
Filtration Rating.....	99.97% @ 0.3 Micron
Filter Surface Area.....	398 sq. ft.

**Bag Information**

Number of Lower Bags.....	2
Lower Bag Diameter.....	570mm
Lower Bag Length.....	680mm

**Canister Information**

Number of Canister Filters.....	2
Canister Filter Diameter.....	19-11/16 in.
Canister Filter Length.....	59 in.
Collection Drum Size.....	55 Gallons

**Impeller Information**

Impeller Type.....	Radial Fin
Impeller Size.....	18-1/2 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 .....	82 – 85 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)