



MACHINE DATA SHEET

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

MODEL G0703HEP 1-1/2 HP DUAL-FILTRATION HEPA CYCLONE DUST COLLECTOR

Product Dimensions:

Weight..... 182 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 48-1/4 x 23 x 69-1/4 in.
Footprint (Length x Width)..... 48-1/4 x 23 in.

Shipping Dimensions:

Carton #1

Type..... Cardboard Box on Pallet
Content..... Machine
Weight..... 212 lbs.
Length x Width x Height..... 36 x 26 x 47 in.

Carton #2

Type..... Cardboard Box
Content..... HEPA Filter
Weight..... 22 lbs.
Length x Width x Height..... 26 x 15 x 15 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..... 20A at 110V w/inlet, 30A at 110V w/o inlet, 15A at 220V
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 10-1/2 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... No
Recommended Plug Type..... 6-15 for 220V, 5-20 or L5-30 for 110V
Switch Type..... Remote Control Relay Switch w/Circuit Breaker
Voltage Conversion Kit..... P0703P088 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.....	775 CFM
Max Static Pressure (at 0 CFM).....	10 in.
Main Inlet Size.....	6 in.
Inlet Adapter Included.....	Yes
Number of Adapter Inlets.....	1
Adapter Inlet Size.....	5 in.
Machine Collection Capacity At One Time.....	2
Maximum Material Collection Capacity.....	4 cu. ft.

Filter Information

Filtration Rating.....	99.97% at 0.3 Micron
Filter Surface Area.....	48 sq. ft.

Bag Information

Number of Lower Bags.....	1
Lower Bag Diameter.....	15-3/4 in.
Lower Bag Length.....	23-5/8 in.

Canister Information

Number of Canister Filters.....	1
Canister Filter Diameter.....	15-3/4 in.
Canister Filter Length.....	21 in.
Collection Drum Size.....	30 Gallons

Impeller Information

Impeller Type.....	Radial Fin
Impeller Size.....	13-1/2 in.
Impeller Blade Thickness.....	0.091 in.

Construction

Lower Bag.....	Clear Plastic
Canister.....	Spun Bond Polyester
Frame.....	Steel Tubing w/Casters
Impeller.....	Steel
Paint Type/Finish.....	Powder Coated
Body.....	18 Gauge Steel
Collection Drum.....	Steel

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	2 Hours
Serial Number Location	ID Label
Sound Rating	78 – 80 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
Vacuum Equalizer Built into Collection Drum
Collection Drum with Casters for Easy Dust Disposal
Clear, Disposable Plastic Collection Bags
Crank-Handle Driven Cleaning Mechanism Inside Cartridge Filter
6" Intake
256-Code Remote Controlled Receiver
IR Hand-Held Controller Can Turn Dust Collector on up to 75 Feet Away
Steel Stand
Powerful Class "F" Motor
Filter 1: 99.9% at 0.2 – 2 Micron
Filter 2: 99.7% at 0.3 Micron (HEPA)