MACHINE DATA SHEET

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

MODEL G0977 3 HP TWO-STAGE QUIET SERIES CYCLONE DUST COLLECTOR

Product Dimensions:

Weight..... 490 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 60-1/2 x 28-1/2 x 78-1/2 in.
Footprint (Length x Width)..... 54-1/2 x 27-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Cardboard box w/Wood Skids
Content..... Machine
Weight..... 504 lbs.
Length x Width x Height..... 59 x 36 x 53 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard
Content..... Filter
Weight..... 69 lbs.
Length x Width x Height..... 23 x 23 x 43 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 26A
Minimum Circuit Size..... 30A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 118 in.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... L6-30
Switch Type..... Magnetic Switch w/Overload Protection & Remote Control

Motors:

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 26A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer ..... Direct
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

The information contained herein is deemed accurate as of 11/16/2026 and represents our most recent product specifications. Due to our ongoing improvement efforts, this information may not accurately describe items previously purchased.

Filter Cleaning

Horsepower	3 Watt
Phase	Single-Phase
Amps	0.8A
Speed	12 RPM
Type	Universal 24 VDC
Power Transfer	Direct

Main Specifications:

Operation

Dust Collector Type	Two-Stage (Cyclone)
Approved Dust Types	Wood
Filter Type	Pleated Cartridge & HEPA
Airflow Performance	1751 CFM @ 2.50 in. SP
Max Static Pressure (at 0 CFM)	13.3 in.
Main Inlet Size	8 in.
Inlet Adapter Included	Yes
Number of Adapter Inlets	3
Adapter Inlet Size	4 in.
Machine Collection Capacity At One Time	3
Maximum Material Collection Capacity	36 Gallons

Filter Information

Number of Filters	2
Filtration Rating	99.97% @ 0.3 microns
Filter Surface Area	387.5 sq. ft.
Number of Primary Filters	1
Primary Filter Type	Pleated Cartridge
Primary Filter Rating	95% @ 0.2 - 2 microns
Primary Filter Length	35-1/2 in.
Primary Filter Width	12-7/8 in.
Number of Secondary Filters	1
Secondary Filter Type	HEPA
Secondary Filter Rating	99.97% @ 0.3 microns
Secondary Filter Length	35-1/2 in.
Secondary Filter Width	16-3/4 in.

Bag Information

Number Of Filter Bags	1
Number Of Collection Drum Bags	1
Filter Bag Diameter	12-1/4 in.
Filter Bag Length	16 in.
Collection Drum Bag Diameter	24-7/8 in.
Collection Drum Bag Length	37-1/2 in.

Canister Information

Number of Canister Filters	2
Collection Drum Size	45 Gallons

Impeller Information

Impeller Type	Aluminum Radial Fin
Impeller Size	15-1/2 in.
Impeller Blade Thickness	0.16 in.

Construction

Upper Bag	Clear Plastic (Filter)
Lower Bag	Clear Plastic (Drum)
Canister	Spun Bond Polyester
Base	Steel
Frame	Steel
Caster	Rubber
Impeller	Aluminum
Paint Type/Finish	Powder Coated
Blower Housing	Steel
Body	Steel
Collection Drum	Steel

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	2.5 Hours
Serial Number Location	Machine ID Label
Sound Rating	75 dB
ISO 9001 Factory	Yes

Features:

Wireless Remote Control
Compact, Portable Design
Rolling Collection Drum with Quick-Release Handle
Steel Stand with Rubber Casters
MERV-17 HEPA Canister Filter with Collection Capacity of 99.97% of 0.3-Micron Particles
Automatic Filter Cleaning
Vacuum Pressure Gauge