



MACHINE DATA SHEET

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

MODEL G0964

1-1/2 HP PORTABLE FUME EXTRACTOR W/PRECISION ARM

Product Dimensions:

Weight 492 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 29-1/2 x 88-1/2 x 84 in.
Footprint (Length x Width) 48-1/2 x 29-1/2 in.

Shipping Dimensions:

Carton#1

Type Wood Crate
Content Machine
Weight 512 lbs.
Length x Width x Height 53 x 35 x 47 in.
Must Ship Upright Yes

Carton#2

Type Cardboard Box
Content Precision Arm
Weight 89 lbs.
Length x Width x Height 70 x 16 x 28 in.
Must Ship Upright Yes

Electrical:

Power Requirement 120V or 240V, Single-Phase, 60 Hz
Prewired Voltage 120V
Full-Load Current Rating 18A at 120V, 9A at 240V
Minimum Circuit Size 20A at 120V, 15A at 240V
Connection Type Cord & Plug
Power Cord Included Yes
Power Cord Length 118 in.
Power Cord Gauge 14 AWG
Plug Included Yes
Included Plug Type 5-20 for 120V
Recommended Plug Type 6-15 for 240V
Switch Type Magnetic Switch w/Overload Protection

Motors:

Main

Horsepower 1-1/2 HP
Phase Single-Phase
Amps 18A/9A
Speed 3420 RPM
Type TEFC Capacitor-Start Induction
Power Transfer Direct
Bearings Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type Internal

Main Specifications:

Operation Information

Max. Airflow Performance (6-in. Inlet).....	850 CFM @ 1.72 in. SP
Max. Static Pressure (at 0 CFM)	7.02 in.
Main Inlet Size.....	6 in.
Max. Precision Arm Length.....	10 ft.
Precision Arm Diameter	6 in.
Precision Arm Rotation	350 deg.
Hood Diameter	13 in.
Machine Collection Capacity at One Time.....	1

Filter Information

Number of Filters.....	4
Total Filter Surface Area	177.6 sq. ft.
First-Stage Filter Type.....	Spark Arrestor Aluminum Mesh Filter
First-Stage Filter Size.....	440 x 540 x 22mm
Second-Stage Filter Type	Large Particle Stainless Steel Mesh
Second-Stage Filter Size	595 x 595 x 22mm
Third-Stage Filter Type	Pleated Pre-Filter
Third-Stage Filter Rating.....	2 - 10 Microns @ 35%
Third-Stage Filter Size	595 x 595 x 45mm
Fourth-Stage Filter Type	V-Cell HEPA Filter
Fourth-Stage Filter Rating.....	0.3 Microns @ 99.97%
Fourth-Stage Filter Size	595 x 595 x 292mm

Impeller Information

Impeller Type	Radial Fin
Impeller Size	12.1 in.
Impeller Blade Thickness	4mm

Construction

Body	Steel
Casters	Rubber
Impeller.....	Aluminum
Hood.....	Aluminum
Pipes	Galvanized Steel
Flex Hoses	PVC
Paint Type/Finish	Powder Coated

Other Specifications:

Country of Origin.....	Taiwan
Warranty.....	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location.....	ID Label
ISO 9001 Factory	Yes

Features:

Filters Provide a Combined Surface Area of 177.6 Sq. Ft.
V-Cell MERV-17 HEPA Filter Collects 99.97% of Particles at 0.3 Microns
6" Diameter Adjustable Precision Arm w/13" Hood
Vacuum Pressure Gauge Indicates When to Clean/Replace Filters
Steel Body w/Two Locking Caster Wheels
Built-In Damper on Precision Arm for Adjusting Air Flow
Removable Dust Drawer