



MACHINE DATA SHEET

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

MODEL G0966

1-1/2 HP EXTREME-SERIES METAL DUST COLLECTOR

Product Dimensions:

Weight 513 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 33-1/2 x 29 x 74-1/2 in.
Footprint (Length x Width) 30 x 26 in.

Shipping Dimensions:

Type Wood Crate
Content Machine
Weight 661 lbs.
Length x Width x Height 36 x 33 x 83 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 3450 RPM
Type TEFC Capacitor-Start Induction
Power Transfer Direct
Bearings Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type Internal

Main Specifications:

Operation Information

Dust Collector Type.....	Metal
Airflow Performance.....	884 CFM at 2.2 in. SP
Max. Static Pressure (at 0 CFM)	8.3 in.
Main Inlet Size.....	6 in.
Machine Collection Capacity At One Time	1
Max. Material Collection Capacity.....	0.55 cu. ft.
Air Input Connection Type	Industrial Quick-Coupler Plug (Male)
Air Input Connection Size	1/4" NPT Threads, 1/4" Body
Tank Size	1 Gallon
Maximum Tank Pressure	90 PSI
Drain Valve Type.....	Ball Valve

Filter Information

Number of Filters.....	2
Number of First-Stage Filters.....	1
First-Stage Filter Type.....	Canister Filter
First-Stage Filter Rating	0.2 - 2 Microns @ 95%
First-Stage Filter Size.....	380 x 660mm
First-Stage Filter Surface Area	161.4 sq. ft.
Number of Second-Stage Filters.....	1
Second-Stage Filter Type	HEPA Filter
Second-Stage Filter Rating.....	0.3 Microns @ 99.99%
Second-Stage Filter Size	457 x 508 x 150mm
Second-Stage Filter Surface Area	134 sq. ft.

Impeller Information

Impeller Type	Radial Fin
Impeller Size	12.1 in.
Impeller Blade Thickness	0.16 in.

Construction

Body	Steel
Upper Chamber.....	Steel
Collection Drawer	Steel
Impeller.....	Aluminum
Paint Type/Finish	Powder Coated

Other Specifications:

Country of Origin.....	Taiwan
Warranty.....	1 Year
Approximate Assembly & Setup Time	10 Minutes
Serial Number Location.....	ID Label
ISO 9001 Factory	Yes

Features:

Filters Provide a Combined Surface Area of 295.4 Sq. Ft.
Flame-Resistant Canister Filter Collects 95% of Particles at 0.2 - 2 Microns
MERV-17 HEPA Filter Collects 99.99% of Particles at 0.3 Microns
Vacuum Pressure Gauge Indicates When to Clean/Replace Filters
Industrial Quick-Coupler Plug Connection and Air Pulse Button for Pneumatically Cleaning Canister Filter
Easy-to-Clean Removable Dust Tray