

# MACHINE SPECIFICATIONS



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## MODEL W1867 1.5 HP PORTABLE CYCLONE DUST COLLECTOR

### Product Dimensions

Weight..... 265 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 27-1/2 x 44 x 70 in.  
Footprint (Length x Width)..... 32-1/2 x 24 in.

### Shipping Dimensions

#### Carton #1

Type..... Cardboard Box  
Content..... Main Body  
Weight..... 199 lbs.  
Length x Width x Height..... 43 x 29 x 23 in.  
Must Ship Upright..... Yes

#### Carton #2

Type..... Cardboard Box  
Content..... Stand & Support Arms  
Weight..... 39 lbs.  
Length x Width x Height..... 50 x 18 x 8 in.  
Must Ship Upright..... No

#### Carton #3

Type..... Cardboard Box  
Content..... Canister Filter & Collection Drum  
Weight..... 40 lbs.  
Length x Width x Height..... 22 x 22 x 28 in.  
Must Ship Upright..... No

### Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 15A  
Minimum Circuit Size..... 20A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15  
Switch Type..... Remote-Control Magnetic Switch w/Overload Protection

**Motors**

**Main**

Horsepower.....	1.5 HP
Phase.....	Single-Phase
Amps.....	15A
Speed.....	3450 RPM
Type.....	TEFC Capacitor-Start Induction
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.....	Pleated Cartridge
Airflow Performance.....	868 CFM @ 1.8 in. SP
Max Static Pressure (at 0 CFM).....	9.7 in.
Main Inlet Size.....	6 in.
Inlet Adapter Included.....	Yes
Number of Adapter Inlets.....	2
Adapter Inlet Size.....	4 in.
Machine Collection Capacity At One Time.....	2 Machines
Maximum Material Collection Capacity.....	20 Gallons
Filtration Rating.....	99.9% at 1 Micron
Filter Surface Area.....	28.1 sq. ft.

**Bag Information**

Number Of Filter Bags.....	1
Number Of Collection Drum Bags.....	1
Filter Bag Diameter.....	20 in.
Filter Bag Length.....	23 in.
Collection Drum Bag Diameter.....	30 in.
Collection Drum Bag Length.....	41 in.

**Canister Information**

Number of Canister Filters.....	1
Canister Filter Diameter.....	14-1/2 in.
Canister Filter Length.....	24 in.
Collection Drum Size.....	20 Gallons

**Impeller Information**

Impeller Type.....	Radial Fin
Impeller Size.....	12-3/4 in.
Impeller Blade Thickness.....	1/4 in.

**Construction**

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

**Other**

Country of Origin .....	Taiwan
Warranty .....	2 Years
Approximate Assembly & Setup Time .....	1 Hour
Serial Number Location .....	Machine ID Label
Sound Rating .....	78 dB
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features**

- Wireless Remote-Control Operation
- Compact, Portable Design
- Quick-Release Handle on Collection Drum
- Swivel Casters on Base and Collection Drum