

# MACHINE SPECIFICATIONS



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## MODEL W1869 3 HP PORTABLE CYCLONE DUST COLLECTOR

### Product Dimensions

Weight..... 348 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 31 x 54 x 82 in.  
Footprint (Length x Width)..... 40 x 31 in.

### Shipping Dimensions

#### Carton #1

Type..... Cardboard Box  
Content..... Main Body  
Weight..... 282 lbs.  
Length x Width x Height..... 45 x 34 x 29 in.  
Must Ship Upright..... Yes

#### Carton #2

Type..... Cardboard Box  
Content..... Stand & Support Arms  
Weight..... 42 lbs.  
Length x Width x Height..... 59 x 19 x 8 in.  
Must Ship Upright..... No

#### Carton #3

Type..... Cardboard Box  
Content..... Canister Filter & Collection Drum  
Weight..... 52 lbs.  
Length x Width x Height..... 27 x 27 x 45 in.  
Must Ship Upright..... No

### Electrical

Power Requirement..... 220V, 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..... 12 AWG  
Plug Included..... Yes  
Included Plug Type..... 6-20  
Switch Type..... Remote-Control Magnetic Switch w/Overload Protection

**Motors**

**Main**

Horsepower.....	3 HP
Phase.....	Single-Phase
Amps.....	15A
Speed.....	3450 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer .....	Direct Drive
Bearings.....	Sealed & 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.....	1941 CFM @ 2.9 in. SP
Max Static Pressure (at 0 CFM).....	11 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 Machines
Maximum Material Collection Capacity.....	55 Gallons
Filtration Rating.....	99.9% at 1 Micron
Filter Surface Area.....	45.2 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.....	39 in.
Collection Drum Bag Length.....	56 in.

**Canister Information**

Number of Canister Filters.....	1
Canister Filter Diameter.....	14-1/2 in.
Canister Filter Length.....	39-3/8 in.
Collection Drum Size.....	55 Gallons

**Impeller Information**

Impeller Type.....	Radial Fin
Impeller Size.....	15 in.
Impeller Blade Thickness.....	1/8 in.

**Construction**

Upper Bag.....	Clear Plastic (Filter)
Lower Bag.....	Clear Plastic (Drum)
Canister.....	Spun Bond Polyester
Base.....	Steel
Frame.....	Steel
Impeller.....	Steel
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 .....	79 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