

# MACHINE SPECIFICATIONS



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## MODEL W1687 3 HP DUST COLLECTOR

### Product Dimensions

Weight..... 152 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 58 x 33 x 78 in.  
Footprint (Length x Width)..... 58 x 33 in.

### Shipping Dimensions

Type..... Cardboard Box  
Content..... Machine  
Weight..... 167 lbs.  
Length x Width x Height..... 63 x 27 x 23 in.

### Electrical

Power Requirement..... 240V, Single-Phase, 60 Hz  
Prewired Voltage..... 240V  
Full-Load Current Rating..... 12A  
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  
Recommended Plug Type..... 6-20  
Switch Type..... ON/OFF Push Button Switch

### Motors

#### Main

Horsepower..... 3 HP  
Phase..... Single-Phase  
Amps..... 12A  
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.....	Single-Stage
Approved Dust Types.....	Wood
Filter Type.....	Bag
Airflow Performance.....	2830 CFM
Max Static Pressure (at 0 CFM).....	14.4 in.
Main Inlet Size.....	8 in.
Inlet Adapter Included.....	Yes
Number of Adapter Inlets.....	4
Adapter Inlet Size.....	4 in.
Machine Collection Capacity At One Time.....	4
Maximum Material Collection Capacity.....	10.8 cu. ft.
Filtration Rating.....	30 Micron

### Bag Information

Number of Upper Bags.....	2
Number of Lower Bags.....	2
Upper Bag Diameter.....	19 in.
Upper Bag Length.....	33 in.
Lower Bag Diameter.....	19 in.
Lower Bag Length.....	33 in.

### Impeller Information

Impeller Type.....	Radial Fin
Impeller Size.....	13 in.
Impeller Blade Thickness.....	1/8 in.

### Construction

Upper Bag.....	Fabric
Lower Bag.....	Fabric
Base.....	Steel Sheet Metal w/Casters
Caster.....	High Density Plastic
Impeller.....	Aluminum
Paint Type/Finish.....	Powder Coated
Blower Housing.....	Steel Sheet Metal
Body.....	Steel Sheet Metal

### Other

Country of Origin .....	Taiwan
Warranty .....	2 Years
Approximate Assembly & Setup Time .....	1 Hour
Serial Number Location .....	ID Label Above Magnetic On/Off Switch
ISO 9001 Factory .....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	Yes

### Features

Fully Mobile  
Powder Coated Paint  
Includes Steel Base with Casters