

# MACHINE SPECIFICATIONS



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## MODEL W1823 1-1/2 HP PORTABLE CYCLONE

### Product Dimensions

Weight..... 140 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 37 x 32 x 70-1/2 in.  
Footprint (Length x Width)..... 37 x 32 in.

### Shipping Dimensions

#### Carton #1

Type..... Cardboard Box  
Content..... Machine  
Weight..... 147 lbs.  
Length x Width x Height..... 41 x 22 x 22 in.

#### Carton #2

Type..... Cardboard Box  
Content..... Canister Filter  
Weight..... 19 lbs.  
Length x Width x Height..... 17 x 17 x 17 in.

### Electrical

Power Requirement..... 120V or 240V, Single-Phase, 60 Hz  
Prewired Voltage..... 120V  
Full-Load Current Rating..... 15A at 120V, 7.5A at 240V  
Minimum Circuit Size..... 20A at 120V, 15A at 240V  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 7 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15 for 120V  
Recommended Plug Type..... 6-15 for 240V  
Switch Type..... Control Panel w/Magnetic Switch Protection  
Voltage Conversion Kit..... X1823084 for 240V

### Motors

#### Main

Horsepower..... 1.5 HP  
Phase..... Single-Phase  
Amps..... 15A/7.5A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction (Class E)  
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.....	806 CFM
Max Static Pressure (at 0 CFM).....	10.4 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
Maximum Material Collection Capacity.....	4.3 cu. ft.
Filtration Rating.....	0.2 - 2 Micron

### Bag Information

Number of Lower Bags.....	1
Lower Bag Diameter.....	14-5/8 in.
Lower Bag Length.....	11-7/8 in.

### Canister Information

Number of Canister Filters.....	1
Canister Filter Diameter.....	14-1/2 in.
Canister Filter Length.....	23-5/8 in.
Collection Drum Size.....	20 Gallons

### Impeller Information

Impeller Type.....	High Curve
Impeller Size.....	12-3/4 in.
Impeller Blade Thickness.....	1/8 in.

### Construction

Lower Bag.....	Clear Plastic
Canister.....	Spun Bond Polyester
Frame.....	Steel
Caster.....	Steel
Impeller.....	Aluminum
Paint Type/Finish.....	Powder Coated
Collection Drum.....	Steel

### Other

Country of Origin .....	Taiwan
Warranty .....	2 Years
Approximate Assembly & Setup Time .....	30 Minutes
Serial Number Location .....	ID Label on Blower Housing
Sound Rating .....	82 dB
ISO 9001 Factory .....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

## Features

- Class "E" motor
- Casters mounted on drum and stand legs allow for easy mobility
- Clear disposable plastic collection bags
- Top-mounted lever for removing built up dust from canister filter
- Steel drum with easy-to-open lid