

# 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.         |

### Filter Information

|                        |                |
|------------------------|----------------|
| 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