



# Product Specifications

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## Model SB1094 5 HP Cyclone Dust Collector

### Product Dimensions

Weight.....	487 lbs.
Width (side-to-side) x Depth (front-to-back) x Height.....	59 x 38 x 93-1/2 in.
Footprint (Length x Width).....	33 x 50 in.

### Shipping Dimensions

Type.....	Cardboard Box on Wooden Pallet
Content.....	Machine
Weight.....	560 lbs.
Length x Width x Height.....	78 x 32 x 51 in.
Must Ship Upright.....	Yes

### Electrical

Power Requirement.....	220V, Single-Phase, 60 Hz
Full-Load Current Rating.....	34A
Minimum Circuit Size.....	50A
Connection Type.....	Permanent (Hardwire to Shutoff)
Power Cord Included.....	Yes
Power Cord Length.....	125 in.
Power Cord Gauge.....	8 AWG
Switch Type.....	Remote Control Magnetic Switch w/Overload Protection

### Motors

#### Main

Horsepower.....	5 HP
Phase.....	Single-Phase
Amps.....	34A
Speed.....	3450 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer .....	Direct
Bearings.....	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	External

#### Paddle Brush

Horsepower.....	15W
Phase.....	Single-Phase
Amps.....	0.16A
Speed.....	1600 RPM
Type.....	TENV Induction
Power Transfer .....	Direct
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.....	2399 CFM @ 2.12 in. SP
Max Static Pressure (at 0 CFM).....	11.4 in.
Main Inlet Size.....	10 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.....	60 Gallons

### Filter Information

Filtration Rating.....	1 Micron
Filter Surface Area.....	90 sq. ft.

### Bag Information

Number Of Filter Bags.....	1
Number Of Collection Drum Bags.....	1
Filter Bag Diameter.....	20 in.
Filter Bag Length.....	23-5/8 in.
Collection Drum Bag Diameter.....	24-1/2 in.
Collection Drum Bag Length.....	47-1/4 in.

### Canister Information

Number of Canister Filters.....	1
Canister Filter Diameter.....	19-5/8 in.
Canister Filter Length.....	39-1/4 in.
Collection Drum Size.....	60 Gallons

### Impeller Information

Impeller Type.....	Radial Fin
Impeller Size.....	15-5/8 in.
Impeller Blade Thickness.....	3mm

### 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 .....	ID Label
Sound Rating .....	84 - 86 dB

## **Features**

- Built-In Sound Muffler
- Steel Stand with Built-In Casters
- Clear Disposable Plastic Collection Bags
- Automatic Filter Paddle Brush for Easy Cleaning
- Reinforced Motor Mount
- Remote Controlled Magnetic Switch
- Remote Control with Timed Shutoff Settings
- Rolling Collection Drum for Easy Sawdust Disposal
- Lift Handle Quickly Connects and Seals Collection Drum
- Vacuum Equalizer Built Into Collection Drum for use with Collection Bags