



Product Specifications

P.O. Box 2027, Bellingham, WA 98227 U.S.A.
PHONE: (360) 734-1540 • © South Bend Tools
www.southbendtools.com



Model SB1099 3 HP Cyclone Dust Collector

Product Dimensions

Weight..... 409 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 44-1/2 x 47 x 81 in.
Footprint (Length x Width)..... 35 x 42 in.

Shipping Dimensions

Carton #1

Type..... Cardboard Box
Content..... Machine
Weight..... 312 lbs.
Length x Width x Height..... 41 x 34 x 29 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Stand and Support Arms
Weight..... 50 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, and Door
Weight..... 75 lbs.
Length x Width x Height..... 27 x 27 x 45 in.
Must Ship Upright..... Yes

Electrical

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 15A
Minimum Circuit Size..... 30A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 66 in.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... L6-30
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
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Filter Brush

Horsepower..... 15W
Phase..... Single-Phase
Amps..... 0.2A
Speed..... 1600 RPM
Type..... TENV Induction
Power Transfer Direct w/Reducer
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..... 1860 CFM @ 3.2 in. SP
Max Static Pressure (at 0 CFM)..... 10.5 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
Maximum Material Collection Capacity..... 33-1/2 gal.
Filtration Rating..... 1 Micron
Filter Surface Area..... 46-1/4 sq. ft.

Bag Information

Number Of Filter Bags..... 1
Number Of Collection Drum Bags..... 1
Filter Bag Diameter..... 15 in.
Filter Bag Length..... 19-11/16 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..... 14-1/2 in.
Canister Filter Length..... 40-3/4 in.
Collection Drum Size..... 52 Gallons

Impeller Information

Impeller Type..... Radial Fin
Impeller Size..... 16 in.
Impeller Blade Thickness..... 5/16 in.

Construction

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

Features

- Steel Stand with Built-In Casters
- BIA Certified Cartridge Filter
- Casters Mounted on Collection Drum for Easy Moving
- Clear Disposable Plastic Collection Bags
- Automatic Filter Cleaning
- Ramped Inlet Maximizes Dust Flow into Collection Drums
- Reinforced Motor Mount
- Remote-Controlled Magnetic Switch
- Vacuum Pressure Gauge