

MACHINE SPECIFICATIONS



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MODEL W1816 3 HP LOW PROFILE CYCLONE DUST COLLECTOR

Product Dimensions

Weight..... 375 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 67 x 44 x 80 in.
Footprint (Length x Width)..... 67 x 44 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 396 lbs.
Length x Width x Height..... 65 x 29 x 44 in.

Electrical

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 22A
Minimum Circuit Size..... 30A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 10-1/2 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... No
Recommended Plug Type..... L6-30
Switch Type..... Remote Control Magnetic Switch w/Overload Protection

Motors

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 22A
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.....	Two-Stage (Cyclone)
Approved Dust Types.....	Wood
Filter Type.....	Pleated Cartridge
Airflow Performance.....	1489 CFM
Max Static Pressure (at 0 CFM).....	10.2 in.
Main Inlet Size.....	8 in.
Inlet Adapter Included.....	No
Machine Collection Capacity At One Time.....	3
Maximum Material Collection Capacity.....	7.4 cu. ft.

Filter Information

Filtration Rating.....	0.2 - 2 Micron
Filter Surface Area.....	90.42 sq. ft. each

Bag Information

Number of Lower Bags.....	2
Lower Bag Diameter.....	20 in.
Lower Bag Length.....	23-5/8 in.

Canister Information

Number of Canister Filters.....	2
Canister Filter Diameter.....	19-3/4 in.
Canister Filter Length.....	15-3/4 in.

Impeller Information

Impeller Type.....	Radial Fin
Impeller Size.....	14-1/2 in.
Impeller Blade Thickness.....	1/8 in.

Construction

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

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	1 Hour
Sound Rating	90 dB
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features

Steel collection drum with casters for easy dust disposal
Powerful Class "F" Motor
Dual pleated filter with cleaning flaps to maximize air flow
Remote control switch