



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 • To Order Call: (800) 523-4777 • Fax #: (800) 438-5901

## MODEL G0703 1-1/2 HP CYCLONE DUST COLLECTOR

### Product Dimensions:

Weight ..... 177 lbs.  
Length/Width/Height ..... 38¼" x 23¼" x 68"  
Foot Print (Length/Width)..... 38¼" x 23½"

### Shipping Dimensions:

Type ..... Cardboard  
Content..... Machine  
Weight ..... 210 lbs.  
Length/Width/Height..... 37" x 27" x 45"

### Electrical:

Power Source ..... 110V or 220V Single-Phase  
Switch..... Magnetic Switch with Thermal Overload Protection  
Switch Voltage ..... 110V  
Cord Length ..... 10½ ft.  
Cord Gauge ..... 12 gauge  
Recommended Circuit Size ..... 30A @ 110V, 15A @ 220V  
Plug Included ..... No  
Recommended Plug Type @ 110V ..... NEMA L5-30  
Recommended Plug Type @ 220V ..... NEMA 6-15

### Motor:

Type ..... TEFC Class "F"  
Horsepower ..... 1½ HP  
Voltage ..... 110V/220V  
Prewired ..... 110V  
Phase/Cycle..... Single/60 Hz  
Amps (w/6" Inlet)..... 18.8A at 110V, 9.4V at 220V  
Amps (w/5" Inlet Installed) ..... 15.8A at 110V, 7.9V at 220V  
220V Speed ..... 3450 RPM  
Number Of Speeds ..... 1  
Power Transfer ..... Direct Drive  
Bearings ..... Shielded and Permanently Sealed

### Main Specifications:

#### Operation

Air Suction Capacity (30A, w/o 5" Port) ..... 775 CFM  
Static Pressure at Maximum Air Suction Capacity (30A, 110V Circuit w/o 5" Port) ..... 1.80"  
Maximum Static Pressure (30A, 110V Circuit w/o 5" Port) ..... 10"  
Air Suction Capacity (20A, 110V Circuit w/5" Port)..... 695 CFM  
Static Pressure at Maximum Air Suction Capacity (20A, 110V Circuit w/5" Port) ..... 2.90"  
Maximum Static Pressure (20A, 110V Circuit w/5" Port) ..... 9.8"  
Intake Hole Size ..... 6" (or 5" with Included Reducer)  
Material Collection Capacity ..... 30 Gallons  
Canister Filtration ..... 0.2-2 Micron

**Bag Information**

Number of Lower Bags ..... 1  
Lower Bag Capacity ..... 2.66 cu. ft.  
Lower Bag Diameter..... 15¾"  
Lower Bag Length ..... 23⅝"

**Canister Information**

Number of Canister Filters ..... 1  
Canister Filter Diameter ..... 15¾"  
Canister Filter Height..... 21"  
Filter Surface Area ..... 48 sq. ft.

**Impeller Information**

Impeller Type..... Radial Fin  
Impeller Size..... 13½"  
Impeller Blade Thickness ..... 0.091"

**Construction**

Lower Bag ..... Clear Plastic  
Canister ..... Spun Bond Polyester  
Base ..... Steel  
Frame ..... Steel  
Impeller..... Steel, Riveted  
Impeller Housing ..... 19 Gauge Steel  
Body ..... 18 Gauge Steel  
Collection Drum..... Steel

**Other Specifications:**

ISO Factory ..... Yes  
Country Of Origin ..... Taiwan  
Warranty..... 1 Year  
Serial Number Location ..... Machine ID Label on Impeller Housing  
Assembly Time ..... 1 Hour  
Sound Rating ..... 83 dB

**Features:**

- Steel collection drum with casters for easy dust disposal
- Class "F" motor
- Dual pleated filter with cleaning brushes to maximize air flow