

## 2-Stage Cyclone Dust Collectors (MI-12250, MI-12350, MI-12450, MI-12550, MI-12553)

These Magnum Industrial 2-Stage Cyclone Dust Collectors are for small to medium sized shops where extra fine filtering is required. Our engineers focused on decibel reduction for quieter operation and still maintaining stronger performance. The Cyclone action directs the larger wood chips and particles into the quick release drum, which extends the life and efficiency of the extra-fine 1-micron filter media. All models include remote control. CSA approved.

### Features

- 1-micron extra-fine canister filter with manual self-cleaner lever
- Anti-spark fan mounted on continuous duty bearings for extra long life
- Remote control for quick on/off convenience
- Built-in casters for mobility — all four are swivel type for easy moving
- Totally enclosed continuous duty motor
- Quick-release drum for easy wood chip disposal
- Magnetic safety switch to prevent motor overload and burnout
- Lower decibel design for reduced shop noise



**IMPORTANT NOTE: BECAUSE LARGE DIAMETER IMPELLOR 3 HP AND 5 HP SINGLE PHASE MODELS REQUIRE MIN. 220V AND MAY REQUIRE AS MUCH AS 50A BREAKER TO ACHIEVE FULL RUNNING SPEED, HEAVIER GAUGE WIRE IS REQUIRED IF PANEL IS MORE THAN 50' AWAY. ALWAYS USE CERTIFIED ELECTRICIAN FOR YOUR INSTALLATION.**



### MI-12250 1.5 HP

**Specifications**

**Motor:** 1.5 HP, 110V, 1 PH, 14.5A

**Inlet dia.:** 1x 6" or 2x 4"

**Airflow capacity:** 950 CFM (1,350 CFM nominal)

**Filter canister:** 1-micron extra-fine canister

**Drum:** 29.61 gallon

**Sound rating:** 75 dB

**Static pressure (without bag):** 10" of water

**Overall height:** 5' 10"

**Weight:** 150 kg

**Optional:** MI-99121 HEPA Canister Filter



### MI-12350 2 HP

**Specifications**

**Motor:** 2 HP, 220V, 1 PH, 9.5A

**Inlet dia.:** 1x 7" or 3x 4"

**Airflow capacity:** 1,150 CFM (1,720 CFM nominal)

**Filter canister:** 1-micron extra-fine canister

**Drum:** 29.61 gallon

**Sound rating:** 77 dB

**Static pressure (without bag):** 11" of water

**Overall height:** 5' 10"

**Weight:** 172 kg

**Optional:** MI-99121 HEPA Canister Filter



### MI-12450 3 HP

**Specifications**

**Motor:** 3 HP, 220V, 1 PH, 15A

**Inlet dia.:** 1x 8" or 3x 4"

**Airflow capacity:** 2,280 CFM (2,900 CFM nominal)

**Filter canister:** 1-micron extra-fine canister

**Drum:** 55 gallon

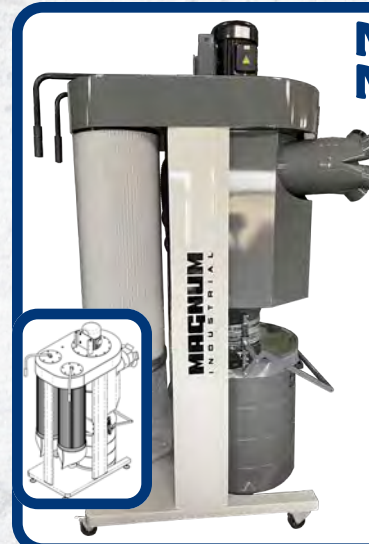
**Sound rating:** 79 dB

**Static pressure (without bag):** 12.5" of water

**Overall height:** 82"

**Weight:** 190 kg

**Optional:** MI-99126 HEPA Canister Filter



### MI-12550 5 HP MI-12553 5 HP

**Specifications**

**Motor (12550):** 5 HP, 220V, 1 PH, 25A

**Motor (12553):** 5 HP, 220V, 3 PH, 15A

**Inlet dia.:** 1x 10" or 5x 4"

**Airflow cpty.:** 2,450 CFM (4,350 CFM nominal)

**Filter canisters:** 2x 1-micron extra-fine canisters

**Drum:** 55 gallon

**Sound rating:** 78 dB

**Static pressure (without bag):** 13.5" of water

**Overall height:** 90.4"

**Weight:** 255 kg

**Optional:** MI-99126 HEPA Canister Filter (2 required)