



Stainless Steel Wet Dust Collector

## EFFICIENT/COMPACT/ECONOMICAL

The Wet Dust Collector combines high efficiency, low maintenance costs, simplicity and low water usage. The unit can be used to safely collect combustible dust like: Aluminum, Magnesium, Niobium, Tantalum, Titanium and Zirconium.

## FEATURES

Efficient operation is possible on a wide range of materials and particle sizes. The filtered air is returned to the building without the need for costly fire suppression equipment. Heavy duty construction using 12 gauge stainless steel.

## COMPLIES WITH NFPA 484

**GRINDING • SANDING • DEBURRING • CUTTING**

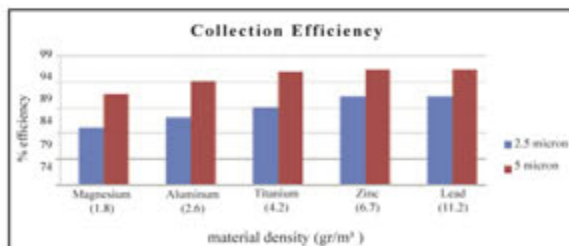
## OPTIONS

- Bolt-on downdraft tables available (3 Ft. - 4 Ft. - 6 Ft. - 8 Ft. Wide)
- Powered sump fan for magnesium applications (complies with NFPA/OSHA)
- Electronic water level control and auto-fill
- Unit shuts down in the event of a low water condition

## How The Wet Dust Collector Works

Dust-laden air enters scrubber and is run through an aqueous bed of water and a series of internal baffles to filter the combustible dust via engineered water streams. Dust is contained in the bottom of the collector for safe removal at necessary maintenance intervals. Water levels are automatically controlled with valves and sensors, including interlock functions to meet NFPA and OSHA codes.

DESCRIPTION	W1200	W3000	W5000
Airflow	1200 C.F.M.	3000 C.F.M.	5000 C.F.M.
External Static Pressure	4" SPWG	4" SPWG	4" SPWG
Motor/Voltage	3HP (230/460/575/3/60)	5HP (230/460/575/3/60)	10HP (230/460/575/3/60)
High Static Option	n/a	7.5HP-3000 C.F.M. @7"SPWG	15HP 5000 C.F.M. @ 8" SPWG
Overall Dimensions	84"H x 31.5"W x 29" D	103"H x 44" W x 50" D	115"H x 56"W x 60"D
Inlet Size	6" Diameter	10" Diameter	14" Diameter
Controls	Magnetic Starter with Contactor & Overload	Magnetic Starter with Contactor & Overload	Magnetic Starter with Contactor & Overload
Water Level Controls	Mechanical w/ Float Valve	Automated w/Sensors & Solenoid Valve. Incl. Low Water Shut Off	Automated w/Sensors & Solenoid Valve. Incl. Low Water Shut Off
Mist Afterfilter	Amerkool Mist Eliminator (99% Eff. @ 3 Microns)	Amerkool Mist Eliminator (99% Eff. @ 3 Microns)	Amerkool Mist Eliminator (99% Eff. @ 3 Microns)
Water Capacity	16 Gallons	40 Gallons	80 Gallons
Construction	12 ga. Stainless Steel #304	12 ga. Stainless Steel #304	12 ga. Stainless Steel #304
Weight (with Water)	500 lbs	900 lbs	1850 lbs
Drain Size	1" NPT	1" NPT	1" NPT
Water Supply Size	1/2" NPT	1/2" NPT	1/2" NPT
Sound Level @ 5 Feet	74 dBA	78 dBA	78 dBA



W-1200

W-3000

W-5000