

AerPro™ WetAer Wet Dust Collectors

Aluminum—Titanium— Magnesium

BUFFING - GRINDING - POLISHING - GRINDING

HOW DOES IT WORK?

The contaminated air dust is drawn through a special designed inlet below the water. The air is drawn upward from the fan pressure to the scrubber section, where the air and water form a turbulent curtain or heavy wave-like action for the mixing and the wetting of the dust particles. The wave is forced against another baffle and completes the dust separation from the air stream. The 100% moisture laden clean air continues to be drawn where the visible water particles are separated from the air stream.

The clean air continues its path through the blower section. The collected dust settles to the tank bottom for removal by hand raking or flushing the tank bottom.

An optional filtration system is available to reduce sludge buildup.



OPTIONAL
NFPA/OSHA package.
(see back for details)



Reduce the danger of
combustible dust with
wet dust collectors

Other applications include:

- Rubber Grinding
- Steel Grinding
- Powder Processing



AerPro™ WetAer Wet Dust Collectors

		SUMP	INLET	MOTOR	INLET	EST
MODEL	FOOTPRINT	CAPACITY	CFM	HP	DIA	SHIP WGT
WAC3-800	23"W x 29"D x 60"H	40 gal.	800	3	6"	350 lbs.
WAC3-1200	23"W x 29"D x 60"H	40 gal.	1200	3	6"	365 lbs.
WAC5-1800	30"W x 38"D x 81"H	65 gal.	1800	5	8"	650 lbs.
WAC5-2500	30"W x 38"D x 81"H	65 gal.	2500	5	8"	670 lbs.
WAC7-3000	38"W x 49"D x 81"H	90 gal.	3000	7.5	10"	750 lbs.
WAC15-5000	40"W x 59"D x 96"H	130 gal.	5000	10	14"	960 lbs.
WAC20-8000	48"W x 69"D x 102"H	185 gal.	8000	15	18"	1,220 lbs.

Standard Construction & Features:

- All welded 304 Stainless steel
- Welded 304 Stainless precision balanced blower wheel
- Durable marine grade powder coating
- Blower Motor TEFC 208/230/460/3/60
- Standard Control push button w/overload
- Automatic fill with float system
- Built-in sound suppression
- NPT drain locate on rear
- Easy Access Door
- Sloped front for sludge removal
- Unit comes with sludge rake

Options:

- OSHA Compliance Package
- NFPA Compliance Package
- Differential Pressure Gauge
- High/Low Water Level Sensors w/ Auto Shutdown
- Water Filtration
- UL Certified Control Panel
- Explosion Proof Motor



Wet Down-Draft Tables also Available



Optional
water filtration system

OSHA Compliant Package Provides start from a closed contact at the process machinery or interrupts the circuit if the water level is too high or low. Includes: programmed ultrasonic water level sensor/switch, NEMA 12 panel box, motor disconnect, PLC, transformer and 24V power supply. This option does not include labor and materials required to tie into processing equipment.

NFPA/OSHA Compliant Package Includes everything in the OSHA Compliance Package, Electric Actuated Water Valve, LED stack light w/audible alarm and hazardous gas vent. This option does not include labor and materials required to tie into processing equipment.

Distributed by:

