



Economy Wet Dust Collectors

ProScrub Wet Dust Collectors provide excellent air filtration efficiency through an advanced, internal scrub process at an affordable price. Simple, powerful, and compact — these rugged machines will provide low-maintenance and dependable performance for years!

Standard Features

- **Direct Drive TEFC Motor**
- **10 and 12 Gauge Steel Construction**
 - Solid welded heavy steel for superior strength and longevity.
- **2-Part Epoxy Internal Tank Coating**
 - AmerLock-2 by Ameron provides exceptional corrosion protection in harsh industrial and marine corrosive environments.
- **Urethane Mastic External Coating**
 - Durethane DTM by PPG chemically resistant and extremely durable. Provides excellent corrosion resistance with superior color and gloss retention.
- **99% Efficient consuming only 3" wg**
 - The most efficient wet dust collector available which has become an industry standard over the past 40 years.
- **No Cartridge Filters to Replace**
 - By using water as the filtration medium, operational costs are considerably lower than cartridge collectors.

WET COLLECTION EMERGING MARKETS

FOOD PROCESSING

ProVent has provided the food industry and others with 304 Stainless Steel Wet Type Dust Collectors for the collection of a variety of airborne contaminants. If you think your food application might benefit from the best designed, most efficient wet type dust collector on the market, look to ProVent and water filtration.

PHARMACEUTICAL

Utilizing water as a filtration device for pharmaceutical and biochemical dusts has its benefits. Beyond the cost savings of not having to replace filter cartridges, employee exposure to potentially hazardous dust during maintenance operations are relieved. Many combustible dust requirements such as explosion dampers, no-return valves, dust sensors, explosion gates are also eliminated saving thousands of dollars.



The ProScrub

The patented scrub is accomplished using airflow to create a series of water curtains which trap and remove dust particles from the inbound dirty air stream. Clean air passes through a final stage mist eliminator filtration pack and exhausts out the top of the unit. There are no spray-nozzles or pumps to clog or foul the performance of the machine.

Simple, powerful, and compact — these rugged machines will provide low-maintenance and dependable performance for years!

ProScrub is a heavy-gauge, industrial piece of equipment that will perform and last. Others you will find are thin-gauge, commercial-grade products – with gimmicks (like “sludge removal tool”) and will not last.

These machines are modeled after the well-known Uni-Wash Wet Type Dust Collector product line that has been an industry standard for over 75 years!

Popular Options



Raising the ProScrub on legs allows for quick and efficient draining of the machine

All ProVent equipment is available in painted or unpainted stainless steel. Popular with the food processing industry, stainless steel provides cleanliness and longevity to the equipment.



ProVent Silencers reduce the noise level produced by the exhausted air. ProVent manufactures silencers that are perfectly matched to the collectors they serve.

staff@proventilation.com

P. 800-610-6010

Manufactured in Harbor Springs, Michigan



Specifications

	PS-800	PS-1200	PS-1800	PS-2500	PS-3000
Air Flow	1,200	1,200	1,800	2,500	3,000
Flanged Inlet	STD 6" Dia.	STD 7" Dia.	STD 9" Dia.	STD 10" Dia.	STD 12" Dia.
Dry Weight (LBS)	690	700	750	800	850
Ext. SP (in. Wg)	4.5	4	6	5	4
Motor / Fan RPM	3450	3450	3450	3450	3450
TEFC Motor, HP	2	2	5	5	5
Motor Full Load Amps	3.4	3.4	7.6	7.6	7.6
Primary Voltage	460Volt 3 Phase 60 Hertz				
Motor Control	NEMA 12 Enclosure with Push Buttons, Start / Stop with Overload Protection				
Integral Fan	TEK315, Injection Molded GRP Polyimide Backward Curved Airfoil, AMCA Rated		TEK355, Injection Molded GRP Polyimide Backward Curved Airfoil, AMCA Rated		
Sound Decibel	80-83	80-83	84-87	84-87	84-87
Sound Decibel w/ Silencer	75-78	75-78	79-82	79-82	79-82
Housing Construction	10, 12 GA. and 3/16" Plate, Welded Steel				
Tank Capacity	Approximately 56 U.S. Gallons				
Internal Coating	Amerlock-2 by Ameron, 2-Part Epoxy				
External Coating	Durethane DTM by PPG: Urethane Mastic Coating, Color: Vent Blue				
Plumbing	Water Inlet: 3/4" NPT Female, Drain: 2" NPT, Overflow: 2" NPT, Water Level Control: Heavy Duty Industrial Mechanical Float				