

HYDROTRON HPB SERIES

Wet Collector Environmental Control Booth



Containing and Filtering Aluminum, Titanium, and Other Potentially Explosive Contaminants

Features

- Minimum 300 FPM Capture Velocity in the Working Zone
- TEFC Motors, Single and Three Phase
- Direct Drive/Non-overloading Fan w/ Outlet Damper
- Interior Baffle Section
- Mist Eliminator Filters
- Electronic Water Level Control With Pressure Sensor System
- Magnehelic Gauge
- 2" Drain
- Galvanized Steel Construction With Coal Tar Epoxy Coatings to Interior Wet Surfaces
- Industrial Blue Enamel Finish on Exterior
- Flourescent Lighting With Dust-Tight Lens

Typical Applications

- Aircraft Manufacture / Maintenance
- Manufacture of Electrical/Electronic Enclosures
- Milling / Refining
- Chemical, Rubber, or Plastics Production
- Ceramics
- Foundries

Selected User List

General Electric

WECO

Clark Products

American Airlines

U.S. Army

U.S. Air Force

Dupont Corporation

Lockheed Martin

GKN Aerospace

Bendix Corporation

Options

- "Push/Pull" Regain Air System with Adjustable Louvers to Increase Capture Velocity 400 to 800 FPM in the Working Zone
- Stainless Steel Construction
- Overflow/Low Water Cut-off Alarms
- Explosion Proof Motors
- HEPA Safety Filters With Visible and/or Audible Alarms
- Width, Depth, and Height of Enclosure
- Slotted Roofs for Crane Loading of Parts
- Enclosure Construction of 18 ga. Galvanized Carbon Steel

Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.

Hydrotron HPB Series			
MODEL	CFM	Blower HP	Dimensions* H x W x L
HPB6-1-1x10	5,500	10	7.5' x 6' x 154"
HPB8-2-2x10	11,000	2x10	7.5' x 8' x 154"
HPB10-2-2x10	11,000	2x10	7.5' x 10' x 154"
HPB12-2-2x10	11,000	2x10	7.5' x 12' x 154"
HPB16-3-3x10	16,500	3x10	7.5' x 16' x 154"
HPB20-4-3x10	16,500	3x10	7.5' x 20' x 154"
HPB24-5-4x10	22,000	4x10	7.5' x 24' x 154"
HPB28-5-5x10	23,500	5x10	7.5' x 28' x 154"
HPB30-6-5x10	27,500	5x10	7.5' x 30' x 154"
HPB36-7-6x10	33,000	6x10	7.5' x 36' x 154"

*Larger/Custom Sizing Available: Consult Factory

FILTER 1

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