

RAPTOR SERIES-60 EVOLUTION

High Performance ACGIH Aligned Blast Cabinet

Designed for aerospace, defense, and high production blasting environments

Engineered to exceed ACGIH airflow guidelines while improving visibility, operator safety, and process efficiency

ADVANCED PERFORMANCE

- ✓ Industry's largest and most powerful blast cabinet series
- ✓ Spacious 60" W internal work chamber
- ✓ Heavy-duty, 10-gauge all-welded steel construction
- ✓ Large 34" W x 16" H viewing window for clear operator visibility
- ✓ High efficiency abrasive media reclaim system

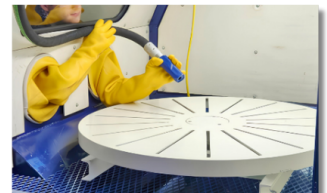


Unmatched Filtration System

- ✓ Best in industry filter air to cloth ratio (1.7:1)
- ✓ Auto Pulse filter cleaning is standard, only pulsing when necessary, aiding in longer filter life
- ✓ No tools needed to remove/replace the primary cartridge filters
- ✓ Filters are double gasketed for superior sealing
- ✓ Three cartridges with 732 sq ft of filter area and filtration efficiency of 98.85% at 0.5 microns
- ✓ Secondary HEPA filter efficiency is 99.99% at 0.3 microns

Industry Leading Design

- ✓ Modular design fits through standard double doors, with a steeper hopper angle and vibratory assist to ensure efficient, complete dust evacuation
- ✓ Cabinet has rubber lined replaceable panels for easy replacement when worn
- ✓ Single-point power connection system provides simplified wiring and faster, easier installation with reduced connection points
- ✓ Simplified power change for relocation flexibility
- ✓ Impressive 24 air changes/min for longer filter life, better cabinet visibility and cleanliness
- ✓ Four-tube LED light fixtures, providing ~ 300 foot-candles of illumination at the blast cabinet work surface
- ✓ Door Air Purge System (DAPS) to clear dust/debris prior to opening door
- ✓ Sound enclosure delivers quieter operation at only 74dB measured 3' from the power pack



BC-RAPTOR-60
 NSN: 4940-01-701-8233
 DUNS: 080240304

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CAGE: 7M9Y6
 SAM Registered SDVOSB
 TAX ID: 47-4428359



Exclusive Option: Vertical Take Off (VTO) Door

The VTO Door lifts upward rather than swinging outward, improving access to the work chamber while minimizing floor space requirements. The door is operated with a combination of pneumatic and mechanical controls.

This configuration simplifies loading of larger parts and supports safer, more efficient operation in demanding blasting environments.



Custom Tailored Solutions

Every facility has unique production requirements. VES engineers work directly with customers to configure blast systems that match specific workflows, part sizes, and environmental conditions.

From specialized cabinet dimensions to integrated dust collection, media reclaim systems, and facility layout considerations, the Raptor Series can be configured to support demanding industrial applications.



Exclusive Hex Buster™ Integration

Every Raptor Series blast cabinet includes VES' exclusive Hex Buster™ hexavalent chromium decontamination products, providing specialized contamination control and enhanced safety compliance for applications involving hazardous chromium compounds and regulatory requirements.



Technical Specifications

Working Compartment:

60" W x 48" D x 36" H

Overall Dimensions:

120" W x 72" D x 66" H

Viewing Window:

34" W x 16" H

Noise Level:

74dB @ 3' from the power pack

Electrical:

240 or 480 volt, 3-phase, 60 Hz power

Ventilation:

10HP 1,300 CFM delivers minimum of 22 air changes per minute. Exceeds ACGIH guideline of 20 air changes per min

Safety-Interlocked Cabinet Access Doors:

Dual 43" W x 30" H, double gasketed doors with integrated safety interlocks

Complies with SCAQMD Rule 1401

Exceeds compliance standards for ACGIH ventilation guidelines, OSHA regulations, and the USAF Corrosion Control Facility Reference Guide

Optional items include rolling carts and turntables for enhanced handling and workflow efficiency



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