The DustHog® Modular Industrial Baghouse (MIB) provides a safe, effective, service friendly solution to handle the most challenging process and nuisance dust collection applications. The MIB solution offers benefits including best in class filtration technology and customizable configurations meeting unique requirements and technical expertise derived from a half century of successfully optimizing baghouse applications.

**MIB Features and Benefits**

- **Proven Filter Technology and Performance.** Powered by BHA® filter technology, the filters included in the MIB offer high efficiency and durable construction that can be relied upon to protect your workers and facility, and reduced cost of ownership through straightforward maintenance and longer filter life. Whether polyester fabric bags and cages, BHA PulsePleat® filter elements or BHA Preveil® membrane technology the filters have been engineered to perform and deliver operational results.

- **Flexible Modular Design.** Each MIB baghouse is engineered to order per our customer requirements. The modular system can be expanded in three dimensions and can be equipped with filter media selections that optimize system performance. Each section of the system including the hopper, dirty air inlet, blower and controls are all configured to address each plant’s particular requirements.

- **Technical Expertise.** Get leading technology with Parker Hannifin, we are the inventors of numerous filtration and media technologies and filter styles that lead the industry. We can help you achieve environmental targets or find cost-effective solutions.

- **Easy Service and Maintenance.** The MIB was designed with service and reliable operation in mind. Tool-free blowpipe and filter removal are just a few features that will save you time and money associated with maintenance of your system.
MIB Product Features

**Service Access Platform and Safety Railing**
Safely access and service collector.

**Top Load Filter Access**
Minimizes employee exposure to dust during filter service.

**Clean Air Discharge**
Flanged discharge configurable to match installation requirements.

**Panelized Construction**
Modular construction allowing unique configuration, improved installation and field expansion.

**Durable Construction**
Heavy duty 10-gauge construction, powder coated inside and out.

**Discharge Hopper**
60 Degree sloped pyramid hopper.

**Flanged Hopper Inlet**
Configurable to match installation requirements.

**Structural Legset**
Rugged construction meets IBC seismic and wind loading regulations.

**Immersion Pulse Valve Headers**
Delivers more filter cleaning energy than traditional 90° valves and located at serviceable location.

**Ladder Vane**
Reduces the amount of material carried to the filter bag surfaces, reducing the possibility of abrasion and extending filter life.

**Ladder Vane Hopper Dirty Air Inlet**
Optional configuration for handling contaminants that require low can velocity for optimal baghouse performance.

**Explosion Vents**
(Optional) Constructed to meet NFPA requirements.

**Access Ladder and Safety Cage**
OSHA compliant ladder, railing, gate and kick plate.

**High Dirty Air Inlet**
OSHA compliant ladder, railing, gate and kick plate.

**10 YEAR WARRANTY**
We offer a complete range of fabric filter bags for your dust collection system in a wide variety of fabrics, finishes, styles and sizes.

**BHA® Filter Technology**

**Felted Bags and Cages**

**Pleated Filter Elements**

BHA PulsePleat elements are the original pleated technology and are designed and manufactured to operate in the harshest of industrial environments including heavy loading, high temperatures and moisture.

BHA Preveil membrane is an expanded microporous ePTFE membrane that offers customers improvements in performance including reduced emissions, lower operational costs and increased durability.

**BHA Preveil Advantages**

- Highest filtration efficiencies (99.99+%%) for lowest emissions
- Surface loading technology provides excellent dust cake release during cleaning maintaining low pressure drop and stable operation, even on sub micron contaminant
- Reduced agglomeration for hassle-free baghouse operation
- Greater airflow and/or lower energy consumption helps provide quick return on investment
- Enhanced chemical resistance
MIB Specifications

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<th>Module Dimension</th>
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* Filter area may be reduced based on options selected and unit configuration.

Options and Accessories

- **Electrical control options**
  - Digital Pulse Control panels (DPC)
  - *FilterSense™* optimized control systems
  - Motor starters
  - Variable frequency drives
  - *Magnehelic Gauge

- **Discharge options**
  - Trough hoppers
  - Rotary airlocks
  - Double flap valves
  - Screw conveyors
  - Slide gate

- **High temperature construction**
- **Blower options**
  - Integral or ground mount arrangements
  - Discharge dampers / silencers
- **Combustible dust options and accessories**
  - Membrane explosion vents
  - Backdraft dampers
- **Sprinkler couplings**
- **Custom paint colors**
- **Expands in three dimensions to allow for increased filtration needs**

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**Important** – Understand and follow NFPA guidance in selecting equipment for your intended application, including required safety devices and testing your dust to determine combustion hazards. At your election, we can coordinate sample collection and testing.