

## COMPANY OVERVIEW

A Family Owned (minority and women owned) engineering and design build manufacturing company located in Cincinnati, Ohio.

## CAPABILITIES

Engineering and System Design  
Field Service and Commission  
Replacement Filters & Parts

Equipment Manufacturing  
Custom Equipment Design  
HVAC Filter Supply & Service

## FILTRATION EQUIPMENT PRODUCT LINE



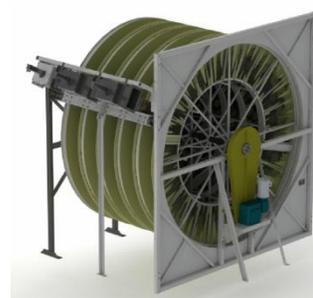
### OVERHEAD OSCILLATING FAN

Ceiling mounted fan rotates at 4x/hour and oscillates vertically 1x/minute distributing high velocity air over a large area. This high velocity air prevents the accumulation of dust and light debris on light fixtures, ceilings, support steel, overhead structures, ducts and machinery.



### RACF

Top access for easier bag installation and replacement. Explosion and fire suppression systems are included so unit doesn't need to be located near an outside building wall. Key offline component in a dust control system that is designed to remove dust from paper & pulp and other fibrous manufacturing processes.



### CIRCLE VEE FILTER

It is a revolutionary concept in air filtration. Which gives reliability of stationary nozzles clean both sides of the media as the Circle Vee rotates. The stripper fan cleans fine dust and other materials from the filter media making the Circle Vee completely self cleaning.



### BALANCE SLIDE GATE

Balancing slide gates are used in Dust Control Systems to ensure each collection point is receiving the proper air flow for optimal efficiency. The clean design minimizes fouling of the gate when used in converting or other web handling applications where large pieces of broken web can be entrained in the air flow.



### ALTERNATING BLAST GATE

On/Off Blast gates are constructed from a two piece cast aluminum body which is only 3" overall width flange to flange. Each valve has identical inlet & outlet diameters with standard angle bolt whole patterns. The gate is manufactured from 1/2" thick durable UHMW plastic for maximum strength & efficiency.



### PRE SEPARATOR SCREEN

Pre Separator is an automatic self cleaning rotating screen with a stationary nozzle that separates larger particles & heavy dust loads from the air stream.



### HIGH PRESSURE BLAST GATE

On/Off Blast gates are constructed from a two piece cast aluminum body which is only 3" overall width flange to flange.

Features:

Application: Air diverter & dust collection systems.

Sizes: 4" thru 16" (Even Sizes)

Overall 3" width flange to flange.

Pressure: Up to 50" W.G.



### CIRCULAR PULSE JET FILTER

Circular Pulse Jet Filter (CPJF) offer excellent filtration efficiency for a wide variety of process dust control systems. The low tangential (side) inlet technique allows larger dust particulate to separate from airstream below bags section rather than traveling through media array. Top bag removal is much easier to complete and takes less time per media element.



### QUICK OPEN ACCESS DOORS

Quick opening access door provides no tool access to any flat vessel. Common uses are storage bins, conveyor housings or any other sheet metal enclosure. The poured silicone gasket and knife edge door perimeter provides a durable positive seal. The gasket material outperforms most common seals to provide years of no maintenance service.



### VACU-DRUM FILTER

Rotating Vacuum-Drum Filter utilizes stationary nozzles and heavy duty drive to produce a self cleaning automatic filter with years of proven use in the industry. Heavy duty aluminum cast, stationary spring loaded nozzles  
Sizes from 6' to 9' diameter with numerous CFM options.



### BAG FILTER

Bag Collection Filter units offer an economical solution for systems requiring a small operating volume. Approximately 1,000cfm volume per 108" length bag. Available with manual or automatic on/off blast gates to divert flow for bag change out. Dust captured inside the bag is deposited into the lower dust collection bags for easy removal.



### CVC DROP OUT BOXES

Central vacuum cleaning system drop out boxes are located at the end of each collection branch to prevent solid debris collected from damaging expensive vacuum equipment. An internal screen prevents debris from passing onto the equipment and can be periodically cleaned out via a drop down access door.

## **REPLACEMENT PARTS & ACCESSORIES**

### **FOR ALL TYPES OF FILTRATION EQUIPMENT**

#### **BLAST GATES**

High Pressure On/Off  
High Pressure Alternating / Diverters  
Pneumatically operated in sizes 4" thru 16"  
(Even Sizes) for static pressures up to 50" W.G.  
Poppet Valves.

#### **DUST COLLECTOR ACCESSORIES**

Dust Bags  
Cartridge Filters  
Wire Cage supports  
Parts & accessories for all types of collectors

#### **FULL SERVICE FABRICATION**

Plasma Cutting, shearing, Forming, Rolling and  
Welding of all types.  
Duct Work and Fittings.  
Manifolds and Suction Headers

#### **NON-WOVEN TYPE FILTER MEDIA**

Non-woven polyester material designed for  
lint and dust filtration on V-Cells, holding  
frames, and disposable filters.

#### **WOVEN FAKE FUR TYPE FILTER MEDIAS**

Medium to high efficient filter material of all  
types and all brands of filtration equipment.

#### **CONDENSER PARTS**

Stainless steel Wire Cloth – 70 Mesh and 8 x  
8 Mesh.  
Drum End Seals –Available for all size  
Condensers Scrolls, Sprockets, and various  
spare parts.

#### **DISPOSABLE FILTERS**

Pleated Filters  
HEPA Filters  
Throw Away Filters  
Pocket/Bag Filters  
Mini Pleats  
ASHREA Filters  
Paint Booth Filters

#### **SEWING & CUSTOM FABRICATED FILTERS**

Custom sewn products for all types of  
screens, dust bags, filter media blankets,  
separators, seals, and various custom or  
specialty filter applications throughout the  
dust filtration industry

#### **ROLL FILTER MEDIA**

Roll type media for all makes and models of  
Auto Roll and Lint Mat filters available in  
several types of media.

#### **FILTRATION ACCESSORIES**

Zip Mold – Various types such as Lexan, PVC and ABS Plastic	Gear Reducers
Flex Hose – Available in sizes from 1-1/2" and up.	Torque Limiters / Slip Clutches
Clean Outs – Available Hinged and in various sizes	Drive Chain and Sprockets
Manual Slide Gates – Sizes 4" and Up	Solenoid Valves
Magnahelic and Photohelic Gauges	Air Cylinders
Drive Motors	

**FOR ALL YOUR FILTRATION NEEDS PLEASE CONTACT US AT:**

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