



(PORTABLE OPTION SHOWN)



## CUSTOM CLEANING EQUIPMENT THAT REDEFINES MANUFACTURING POSSIBILITIES

With over 100 years of unwavering commitment to quality and creativity, our unparalleled solutions position the most esteemed global manufacturing companies to seamlessly operate at maximum capacity, constantly.

**LEARN MORE AT [MAGNUSEQUIPMENT.COM](http://MAGNUSEQUIPMENT.COM)**

## FILTRATION SYSTEMS

### DESIGNED TO SUPERCHARGE YOUR CLEANING POWER & CUT COSTS

Magnus Filtration Systems enable continuous removal of debris and contaminants that slow down the cleaning process and consume costly volumes of cleaning chemicals.

### PERFECT COMPANION TO YOUR WASH TANK

Portable and tank-mounted options available to take your cleaning process to the next level of efficiency.

### CONSISTENT & PREDICTABLE OPERATION

Allows operators to maintain consistent chemistry within the bath, resulting in a more predictable cleaning operation.

### EXTEND BATH LIFE

Prolongs the life of a typical cleaning bath by **two to three times!**

### KEEPS CLEAN PARTS CLEAN

Prevents the drag out of contaminants on otherwise clean parts.

### MINIMIZE PRODUCTION DOWNTIME

Quick and easy filter change-out minimizes downtime during production.

### CUSTOMIZABLE TO MEET YOUR CLEANING NEEDS

Multiple chemical & temperature compatible filtration options available.

**PROUDLY DESIGNED & MANUFACTURED IN THE USA**



## BAG FILTRATION SYSTEMS

### MODEL NUMBER LEGEND:

Bag Filtration System  
 Gallons per minute  
 Surface Area

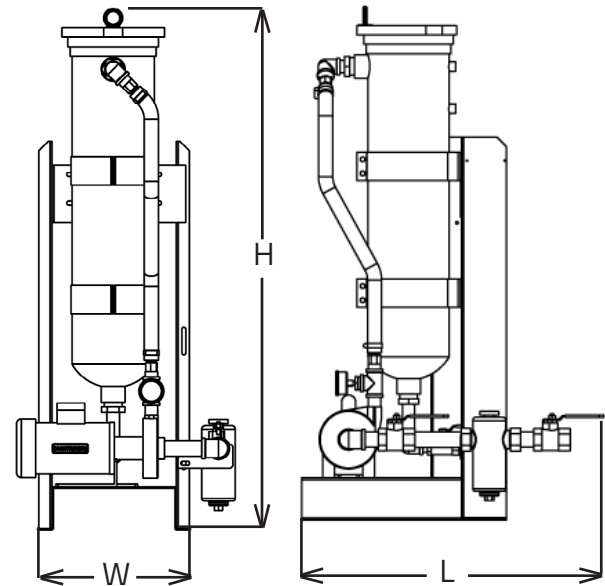
| FILTER TYPE | FILTRATION RATING (NORMAL)      |
|-------------|---------------------------------|
| Cartridge   | 5, 10, 50, & 100 microns        |
| Bag         | 25, 50, 100, 200, & 300 microns |

| MACHINE DIMENSIONS |         |          |          |          |          |
|--------------------|---------|----------|----------|----------|----------|
| Model Number       | BFS-5-3 | BFS-30-4 | BFS-30-2 | BFS-50-1 | BFS-50-2 |
| Width (L-R) (W)    | 21"     | 24"      | 24"      | 24"      | 24"      |
| Length (F-B) (L)   | 22"     | 31"      | 31"      | 31"      | 31"      |
| Height (H)         | 44"     | 46"      | 51"      | 46"      | 51"      |

| SERVICE CONNECTIONS  |         |          |          |          |          |
|----------------------|---------|----------|----------|----------|----------|
| Model Number         | BFS-5-3 | BFS-30-4 | BFS-30-2 | BFS-50-1 | BFS-50-2 |
| Solution Inlet (NPT) | 0.75"   | 1.25"    | 1.25"    | 1.25"    | 1.25"    |
| Outlet (pump return) | 0.5"    | 1"       | 1"       | 1"       | 1"       |

FRONT VIEW

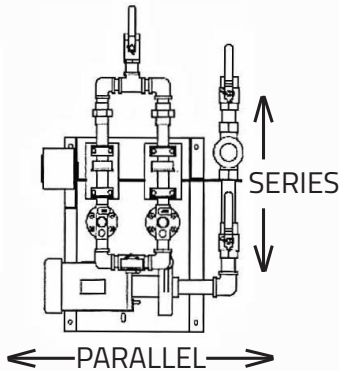
SIDE VIEW



## CARTRIDGE FILTRATION SYSTEMS

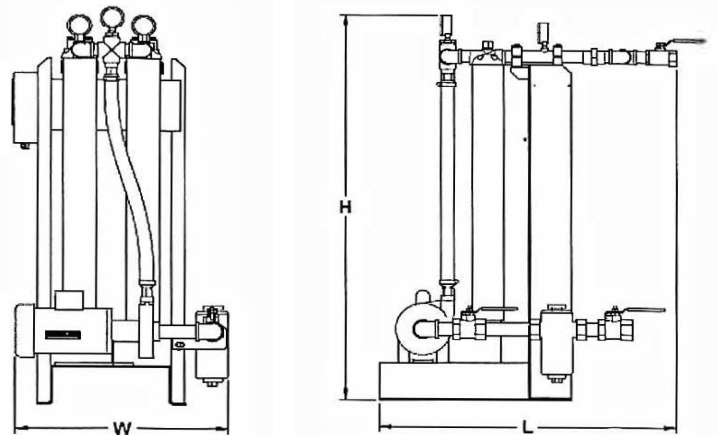
### MODEL NUMBER LEGEND:

Cartridge Filtration System  
 Gallons per minute  
 Number of filters in series  
 Number of filters in parallel



FRONT VIEW

SIDE VIEW



| MACHINE DIMENSIONS |           |            |            |            |            |            |            |
|--------------------|-----------|------------|------------|------------|------------|------------|------------|
| Model Number       | CFS-5-1-1 | CFS-15-1-2 | CFS-15-2-2 | CFS-30-1-1 | CFS-30-2-1 | CFS-30-2-2 | CFS-50-2-1 |
| Width (L-R) (W)    | 22"       | 23"        | 23"        | 23"        | 23"        | 23"        | 23"        |
| Length (F-B) (L)   | 28"       | 42"        | 42"        | 29"        | 34"        | 42"        | 34"        |
| Height (H)         | 43"       | 47"        | 47"        | 47"        | 47"        | 47"        | 47"        |

| SERVICE CONNECTIONS                                |           |            |            |            |            |            |            |
|--|-----------|------------|------------|------------|------------|------------|------------|
| Model Number                                       | CFS-5-1-1 | CFS-15-1-2 | CFS-15-2-2 | CFS-30-1-1 | CFS-30-2-1 | CFS-30-2-2 | CFS-50-2-1 |
| Solution Inlet (NPT)                               | 0.75"     | 1.25"      | 1.25"      | 1.25"      | 1.25"      | 1.25"      | 1.25"      |
| Outlet (pump return) NPT                           | 0.50"     | 1"         | 1"         | 1"         | 1"         | 1"         | 1"         |
| ELECTRICAL SUPPLY: (additional voltages available) |           |            |            |            |            |            |            |
| 240V/3/60Hz  | 2A        | 5A         | 5A         | 5A         | 5A         | 6A         | 6A         |
| 480V/3/60Hz  | 1A        | 3A         | 3A         | 3A         | 3A         | 3A         | 3A         |

PROUDLY DESIGNED,  
 MANUFACTURED, &  
 TESTED IN THE USA

## PRODUCT FEATURES

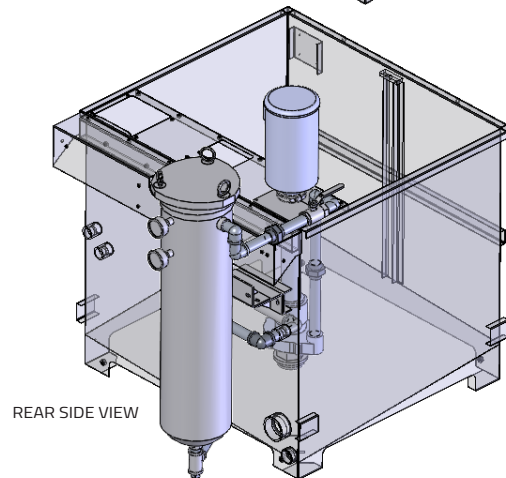
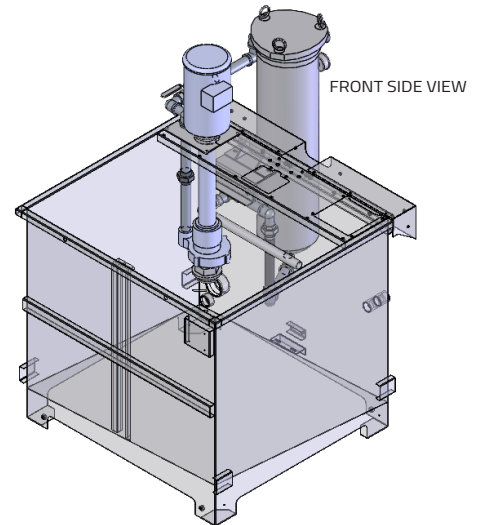
### STANDARD FEATURES

- 304 stainless steel wetted components
- Pre-loaded with one (1) filter + one (1) replacement filter
- Isolation valves
- Support stand
- Plumbing to connect components into a package
- Easy filter replacement
- Basket strainer to help protect the pump
- Centrifugal solution circulating pump
- Manual motor starter
- Painted carbon steel structure
- Liquid filled analog pressure gauges

### OPTIONAL UPGRADES

- Tank-mounted system (shown right)
- Return line eductors
- Magnetic pump strainer
- Stainless steel filter housing

TANK-MOUNTED TRANSPARENT VIEWS



## WHY CHOOSE MAGNUS?



### A LEGACY OF QUALITY

With over **15,000 systems installed worldwide**, we constantly push to innovate while continuing to support the legacy equipment we installed decades ago. Our heritage is built on a relentless commitment to quality, engineering the right solutions for some of the toughest cleaning jobs in the world.



### ENGINEERING BEYOND MANUFACTURING

We **design and manufacture American-made equipment** to precisely serve your unique needs. Whether that's a specific cleaning requirement, weight challenge, space constraint or a specialized application, we listen intently to create custom solutions that others simply can't.



### CUSTOMER COLLABORATION

Your trust is priceless. When you begin a relationship with Magnus, you gain a dedicated team **who will work for you and with you**. Consider us your personal engineering expert, devoted to boosting efficiency, enhancing productivity, and driving sustainable growth far beyond your investment.