

# AUTO FLUSH DISK/SCREEN FILTERS

\*Armas Filters have a Discharge Sustaining Valve for Enhanced Backwashing  
 \*Hydro-Cyclone Filters may be needed for pre-filtration on poor water quality



\*3" is NPT; 4"- 8" are Flanged  
 \*Mounting Frame Included  
 \*Minimum of 60 GPM  
 \*Needs 20 PSI to backflush  
 \*Max 120 PSI

\*Disk Filters recommended for most surface water

## Auto Disk Filter

Max GPM Based on Water Quality

| PART #    | SIZE    | PRICE      | GOOD | AVERAGE | POOR |
|-----------|---------|------------|------|---------|------|
| ADF-32-DC | 3"..... | \$2,600.00 | 220  | 165     | 110  |
| ADF-33-DC | 3"..... | \$3,490.00 | 300  | 225     | 150  |
| ADF-43-DC | 4"..... | \$3,590.00 | 330  | 247     | 165  |
| ADF-44-DC | 4"..... | \$4,160.00 | 440  | 330     | 220  |
| ADF-45-DC | 4"..... | \$5,080.00 | 500  | 375     | 250  |
| ADF-65-DC | 6"..... | \$5,160.00 | 550  | 412     | 275  |
| ADF-66-DC | 6"..... | \$6,080.00 | 660  | 495     | 330  |
| ADF-67-DC | 6"..... | \$6,780.00 | 700  | 525     | 350  |
| ADF-87-DC | 8"..... | \$7,200.00 | 770  | 577     | 385  |
| ADF-88-DC | 8"..... | \$7,680.00 | 880  | 660     | 440  |



\*Works on semi-clean surface water

\* Uses very little water on back flush

\* Controller powered by 4 AA Batteries

\* Requires 22 PSI during backflush

\* Max 116 PSI for Mini Sigma

\* Max 145 PSI for Sigma Pro

## Auto Screen Filter



### Mini Sigma

| PART # | SIZE    | MAX GPM | PRICE      |
|--------|---------|---------|------------|
| ASF20  | 2"..... | 132     | \$1,825.00 |
| ASF30  | 3"..... | 220     | \$2,325.00 |
| ASF40  | 4"..... | 352     | \$2,675.00 |

### Sigma Pro

| PART # | SIZE                 | MAX GPM | PRICE      |
|--------|----------------------|---------|------------|
| ASF45  | 4".....              | 528     | \$5,525.00 |
| ASF80  | 8".....              | 1,233   | \$6,475.00 |
| FRK86  | 8" x 6" Flange Kit.. |         | 135.00     |



## HYDRO-CYCLONE FILTER

Hydrocyclones are designed to filter water containing sand, gravel or other particles heavier than water. Use secondary filters for fine debris.

| PART # | SIZE    | TANKS | GPM       | PRICE       |
|--------|---------|-------|-----------|-------------|
| HC2050 | 2"..... | 1     | 45-110    | \$ 340.00   |
| HC2080 | 3"..... | 1     | 110-220   | \$ 390.00   |
| HC2100 | 4"..... | 1     | 195-420   | \$ 480.00   |
| HC4-23 | 4"..... | 3     | 135-270   | \$ 1,185.00 |
| HC8-43 | 8"..... | 3     | 585-1,260 | \$ 2,780.00 |



# STAINLESS STEEL SAND MEDIA FILTERS

## Flow-Balance & Under drain Efficiency

A unique Flow-Balanced under drain is the key to Flow-Guard's impressive backwash efficiency. The Flow-Balanced under drain has multiple ports evenly distributed beneath the media bed. The corresponding flow "zones" provide a uniform lift of the entire sand bed during backwash, as well as uniform collection during filtration. Uniform lift creates a rapid liquidation of the sand bed, enabling shorter backwash cycles, less backwash disposal, and energy cost savings.

Quality stainless steel tank and manifold. Made in the USA.



| MODEL | SIZE    | MAX PSI | GPM       | GRAVEL | SAND   | SEMI*       | AUTO*        |
|-------|---------|---------|-----------|--------|--------|-------------|--------------|
| 215   | 2"..... | 100     | 20 - 60   | 80 LB  | 300 LB | \$ 5,700.00 | \$ 7,300.00  |
| 218   | 3"..... | 100     | 30 - 90   | 160    | 400    | \$ 5,800.00 | \$ 7,500.00  |
| 224   | 3"..... | 100     | 50 - 160  | 240    | 800    | \$ 6,700.00 | \$ 8,400.00  |
| 230   | 4"..... | 100     | 80 - 240  | 320    | 1,000  | \$ 7,500.00 | \$ 9,100.00  |
| 236   | 4"..... | 100     | 120 - 350 | 480    | 1,600  | \$ 7,400.00 | \$ 9,000.00  |
| 248   | 6"..... | 80      | 225 - 625 | 1,120  | 2,600  | \$ 9,900.00 | \$ 11,600.00 |

NOTE: Auto Filters; Specify 12V DC or 110V AC \*For set of Two Filters

# STAINLESS STEEL SCREEN FILTER

The Flow-Guard stainless steel screen filter offers an inexpensive alternative for trickle filtration requirements. However, as with any pressure screen type filter, its use is limited to water contaminants of the inorganic type. In addition, some silt conditions may result in unsatisfactory operation. In these conditions we recommend using Sand-Media filters.



SPS8

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| PART #  | SIZE    | MAX GPM | PRICE       |
|---------|---------|---------|-------------|
| SPS6-2  | 3"..... | 175     | \$ 1,050.00 |
| SPS6-3  | 4"..... | 300     | \$ 1,875.00 |
| SPS8-4  | 4"..... | 400     | \$ 1,875.00 |
| SPS10-8 | 6"..... | 800     | \$ 2,225.00 |

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