

Turf Filtration Quick Reference Guide

G-Series

Hydraulic Suction Scanning

- Configuration: Vertical
- Flow Rates: 25 – 1750 GPM
- Line sizes: .75" to 10"
- Power: None, line pressure powered
- Self Cleaning Operation: Fully Automatic
- Standard Material of Construction: Powder Coated Carbon Steel
- Operating Pressure: 30 psi min; 150 psi max
- Operating Temperature: No min; 150°F max
- Standard Screen Type: PVC/Mesh screen
- Screen Aperture: 50 μ to 1000 μ
- Standard Controller Options: Omni 401 AC or Omni 150 DC
- Flush Cycle Duration: 10 – 12 seconds
- Flush Volume: 8 – 16 gallons per backwash
- Flush Valve: 1" or 1.5" Hydraulic
- Service Access: Bolt
- Connection: Flanged
- Optional Material of Construction: 304 SS, 316 SS, Titanium, Hastelloy
- Custom bypass manifold priced upon request



G-Series

I+ Series / E+ Series

Suction Scanning

- Configuration: Horizontal
- Flow Rates: 15 – 7350 GPM
- Line sizes: 3" to 30"
- I+ Line Pressure Powered / E+ Electric Motor Driven
- Self Cleaning Operation: Fully Automatic
- Standard Material of Construction: 304 Stainless Steel
- Operating Pressure: 35 psi min; 150 psi max
- Operating Temperature: No min; 210°F max
- Standard Screen Type: 316 Sintered
- Screen Aperture: 5 μ to 4000 μ
- Standard Controller Options: F2-AC or F2-DCL-9VDC
- Flush Cycle Duration: 4 – 10 seconds
- Flush Volume: 3 – 7 gallons per backwash
- Flush Valve: Single 1" or 2" electric ball valve
- Service Access: Clamp on A body size and Bolt on B, C, D body sizes
- Connection: Flanged
- Optional Materials of Construction: 316 SS, Fiberglass Reinforced Plastic and Duplex Alloy
- Custom bypass manifold priced upon request



I+Series

HDF-Series

1x2 Disc

- Configuration: Horizontal
- Flow Rates: 40 – 60 GPM min/106 GPM max
- Line sizes: 3" to 30"
- Power: None, line pressure powered
- Self Cleaning Operation: Fully Automatic
- Standard Material of Construction: Polyamide reinforced with fiberglass
- Operating Pressure: 40 – 50 psi min; 145 psi max
- Operating Temperature: No min; 140°F max
- Disc Aperture: 100µ to 400µ
- Disc Type: Grooved Polypropylene
- Standard Controller Options: Filtron110-AC or Filtron DC-12V
- Flush Cycle Duration: 20 – 30 seconds
- Flush Volume: 15 – 32 gallons per backwash
- Flush Valve: Two 2" hydraulic valves
- Service Access: Clamp
- Connection: Grooved

HDF-Series



PSS-Series

Pump Suction Screen

- Application: Attach to intake line to remove gross solids out of the water source
- Install at any angle
- Flow Rates: 325 to 4000 GPM
- Line sizes: 4" to 18"
- Power: None, line pressure powered
- Self Cleaning Operation: Fully Automatic
- Standard Material of Construction: Galvanized
- Operating Pressure: 22 psi min; 45 psi recommended
- Flush Cycle Duration: Constant
- Flush Volume: 18 – 26 gallons per backwash
- Clearance Required: Min 12" above bottom, min 8" below water surface
- Connection: Flanged



PSS-Series

ACS-Series and VCS-Series

Centrifugal Separator

- Application: Removal of sand, rock, grit and other inorganic contaminants to protect drip and micro-irrigation systems
- An excellent pre-filter to allow improved screen filter performance by removing solids out of the water source
- Sand removal efficiency of 98% of solids down to 75µ (200 mesh)
- Configuration: Vertical or angled
- Flow Rates: 100 to 8300 GPM
- Line sizes: .5" to 18"
- Power: None, Centrifugally separates sand particles from water
- Cleaning Operation: Manual Purge
- Standard Material of Construction: Powder Coated Carbon Steel
- Optional: automatic solids purge valve system



ACS-Series