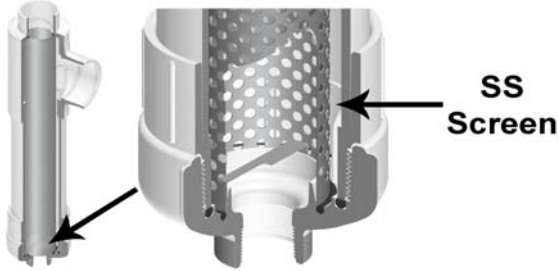




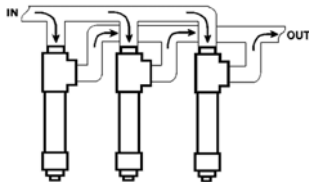
# Filters

## Filters

Specially designed for agricultural and irrigation applications. Suitable for any application where cool, filtered water is required. Standard units utilize an internal-to-external filter cartridge. See following page for reverse flow (external to internal) filters.



- 200 psi Working Pressure Non-Shock @ 73°F (23°C)
- Filter Body is made from NSF®-PW Approved PVC Material
- Optional Screen Meshes
- Compact Design, Easy to Clean
- Lightweight, Easy to Install
- Filter Screens are designed using a standard perforated Stainless Steel Screen
- Mesh Sizes include an inner Stainless Steel Cloth with Spring Support (external cloth on reverse flow filters)
- Pressure loss: 100 GPM – 3 psi  
50 GPM – 1.25 psi
- May be bushed to required pipe size
- When more than 100 gpm is required, filters may be installed in parallel
- When installing filter, allow space for removing filter screen for cleaning
- Remove stainless steel filter screen before solvent welding filter to pipe manifold
- When filters are installed in the direct sun, it is suggested the filter body be coated with a water-base latex paint having a high reflectance
- Installation in a shaded area is preferred



**—CAUTION—**

- WATER HAMMER MAY CAUSE SEVERE DAMAGE TO THE FILTER ASSEMBLY.
- BACK FLUSHING IS NOT RECOMMENDED.
- QUALITY GRADE THREAD SEALANT IS RECOMMENDED FOR ALL THREADED PVC CONNECTIONS.

Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.

## Irrigation Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>100 GPM</b>					
FL-16 <sup>1</sup>	2-1/2 /3 x 4	1	0	020	615.08
FL-32 <sup>1</sup>	2-1/2 /3 x 4	1	0	020	629.06
FL-50	2-1/2 /3 x 4	1	0	020	712.91
FL-76	2-1/2 /3 x 4	1	0	020	861.09
FL-100	2-1/2 /3 x 4	1	0	020	782.80
FL-150	2-1/2 /3 x 4	1	0	020	810.79
FL-200	2-1/2 /3 x 4	1	0	020	880.67

<sup>1</sup> Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL-4A) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5A when ordering.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>50 GPM</b>					
MFL-16 <sup>1</sup>	2-1/2 /3 x 2	1	0	020	517.25
MFL-32 <sup>1</sup>	2-1/2 /3 x 2	1	0	020	525.62
MFL-50	2-1/2 /3 x 2	1	0	020	542.36
MFL-76	2-1/2 /3 x 2	1	0	020	657.04
MFL-100	2-1/2 /3 x 2	1	0	020	573.15
MFL-150	2-1/2 /3 x 2	1	0	020	601.09
MFL-200	2-1/2 /3 x 2	1	0	020	670.99

<sup>1</sup> Standard MFL-16 and MFL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL4A) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5A when ordering.

## Irrigation Filter Replacement Screens

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>100 GPM (24" Length)</b>					
FL-16-1	1/16" Holes	4	0	020	246.03
FL-32-1	1/32" Holes	4	0	020	268.39
FL-50-1	50 Mesh	4	0	020	383.12
FL-76-1	76 Mesh	4	0	020	383.12
FL-100-1	100 Mesh	4	0	020	413.80
FL-150-1	150 Mesh	4	0	020	447.33
FL-200-1	200 Mesh	4	0	020	553.57

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>50 GPM (12" Length)</b>					
MFL-16-1	1/16" Holes	4	0	020	201.42
MFL-32-1	1/32" Holes	4	0	020	232.70
MFL-50-1	50 Mesh	4	0	020	279.59
MFL-76-1	76 Mesh	4	0	020	279.59
MFL-100-1	100 Mesh	4	0	020	307.56
MFL-150-1	150 Mesh	4	0	020	341.11
MFL-200-1	200 Mesh	4	0	020	419.35

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

Irrigation & Turf Product  
**Filters & Reverse Flow Filters**



**Filters**

**Irrigation Filter Replacement Components**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**100 GPM Filter Body**

FL-11	2-1/2 /3 X 4	1	0	020	419.35
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**50 GPM Filter Body**

MFL-11	2-1/2 /3 X 2	1	0	020	321.52
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**Irrigation Filter Components for Old-Style w/3" Bottom Cap**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**Filter Cap w/Gasket**

FL-4A	3X1-1/4	70	0	020	34.96
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FL-5A	3X1/4	70	0	020	34.96
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**Cap Gasket Only**

FCG-5	3	2	0	020	11.13
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**Irrigation Filter Components - New Style Body w/4" Bottom Cap**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**Filter Cap w/O-rings**

FL-4B	4X1-1/4	25	0	020	64.23
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FL-5B	4X1/4	1	0	020	103.92
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Includes Cap with Cap O-ring (1) and bottom Filter Bushing O-ring (1)

**Irrigation Filter Components - New Style Body**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**Cap O-Ring Only**

Pack of 50

BPB-242	---	1	10	891	11.88
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**Filter Bushing O-Rings**

B-335-60	---	100	0	891	4.05
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Each filter uses two (2) Filter Bushing O-rings for top and bottom screen seals  
Filter cartridge specially designed for external-to-internal filtration

**Reverse Flow Filters**

**Irrigation Reverse Flow Filter with Stainless Steel Screen - 100 GPM**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**Socket x Socket/Spigot**

FLR-16 <sup>1</sup>	4X2-1/2 /3	1	0	020	615.08
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FLR-32 <sup>1</sup>	4X2-1/2 /3	1	0	020	629.06
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FLR-50	4X2-1/2 /3	1	0	020	712.91
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FLR-76	4X2-1/2 /3	1	0	020	861.09
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FLR-100	4X2-1/2 /3	1	0	020	782.80
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FLR-150	4X2-1/2 /3	1	0	020	810.79
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FLR-200	4X2-1/2 /3	1	0	020	880.67
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<sup>1</sup> Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**Irrigation Reverse Flow Filter with Stainless Steel Screen - 50 GPM**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**Socket x Socket/Spigot**

MFLR-16 <sup>1</sup>	2X2-1/2 /3	1	0	020	517.25
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MFLR-32 <sup>1</sup>	2X2-1/2 /3	1	0	020	525.62
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MFLR-50	2X2-1/2 /3	1	0	020	542.36
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MFLR-76	2X2-1/2 /3	1	0	020	657.04
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MFLR-100	2X2-1/2 /3	1	0	020	573.15
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MFLR-150	2X2-1/2 /3	1	0	020	601.09
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MFLR-200	2X2-1/2 /3	1	0	020	670.99
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<sup>1</sup> Standard MFL-16 and MFL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**Irrigation Filter Reverse Flow SS Replacement Screens (24" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**100 GPM**

FL-16-1	1/16" Holes	4	0	020	246.03
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FL-32-1	1/32" Holes	4	0	020	268.39
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FLR-50-1	50 Mesh	4	0	020	383.12
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FLR-76-1	76 Mesh	4	0	020	383.12
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FLR-100-1	100 Mesh	4	0	020	413.80
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FLR-150-1	150 Mesh	4	0	020	447.33
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FLR-200-1	200 Mesh	4	0	020	553.57
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**Irrigation Filter Reverse Flow SS Replacement Screens (12" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**50 GPM**

MFL-16-1	1/16" Holes	4	0	020	201.42
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MFL-32-1	1/32" Holes	4	0	020	232.70
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MFLR-50-1	50 Mesh	4	0	020	279.59
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MFLR-76-1	76 Mesh	4	0	020	279.59
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MFLR-100-1	100 Mesh	4	0	020	307.56
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MFLR-150-1	150 Mesh	4	0	020	341.11
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MFLR-200-1	200 Mesh	4	0	020	419.35
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