



In-line Tee Style Filters and Reverse In-line Tee Style Filters

In-line Tee Style Filters and Reverse In-line Tee Style Filters
100 GPM and 50 GPM • PVC White • Buna O-ring Seal



100 GPM



50 GPM

- In-line Design Simplifies Installation.
- Allows Easy Parallel Filter Configuration for Increased Flow and Filtration.
- Removable Type 304 Stainless Steel Filter Cartridges in Assorted Perforations and Screen Mesh.
- Standard Flow Filter (Internal-to-External) Traps Sediment on Inside of Cartridge, Reverse Flow Filter (External-to-Internal) Traps Sediment on Outside of Cartridge.
- Convenient Bottom Drain with 1-1/4" NPT Stainless Steel Reinforced Plastic Thread and Plug. Optional Cap with 1/4" Outlet Available.
- 200 psi Working Pressure for Water @ 73°F (23°C).
- Manufactured from NSF® Certified PVC Material.

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.
 Example: TF-50 = 50 Mesh

Irrigation Tee Filter - 100 GPM PVC White

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Buna-N O-ring Seal with Stainless Steel Screen					
TF-16"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	615.08
TF-32"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	629.06
TF-50	2-1/2 1/3 x 2-1/2 1/3	1	0	020	712.91
TF-76	2-1/2 1/3 x 2-1/2 1/3	1	0	020	861.09
TF-100	2-1/2 1/3 x 2-1/2 1/3	1	0	020	782.80
TF-150	2-1/2 1/3 x 2-1/2 1/3	1	0	020	810.79
TF-200	2-1/2 1/3 x 2-1/2 1/3	1	0	020	880.67

Irrigation Tee Filter - 50 GPM PVC White

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Buna-N O-ring Seal with Stainless Steel Screen					
MTF-16"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	517.25
MTF-32"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	525.62
MTF-50	2-1/2 1/3 x 2-1/2 1/3	1	0	020	542.36
MTF-76	2-1/2 1/3 x 2-1/2 1/3	1	0	020	657.04
MTF-100	2-1/2 1/3 x 2-1/2 1/3	1	0	020	573.15
MTF-150	2-1/2 1/3 x 2-1/2 1/3	1	0	020	601.09
MTF-200	2-1/2 1/3 x 2-1/2 1/3	1	0	020	670.99

Irrigation Reverse Flow Tee Filter - 100 GPM PVC White

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Buna-N O-ring Seal with Stainless Steel Screen					
TF-16"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	615.08
TF-32"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	629.06
TFR-50	2-1/2 1/3 x 2-1/2 1/3	1	0	020	712.91
TFR-76	2-1/2 1/3 x 2-1/2 1/3	1	0	020	712.91
TFR-100	2-1/2 1/3 x 2-1/2 1/3	1	0	020	782.80
TFR-150	2-1/2 1/3 x 2-1/2 1/3	1	0	020	810.79
TFR-200	2-1/2 1/3 x 2-1/2 1/3	1	0	020	880.67

Irrigation Reverse Flow Tee Filter - 50 GPM PVC White

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Buna-N O-ring Seal with Stainless Steel Screen					
MTF-16"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	517.25
MTF-32"	2-1/2 1/3 x 2-1/2 1/3	1	0	020	525.62
MTFR-50	2-1/2 1/3 x 2-1/2 1/3	1	0	020	542.36
MTFR-76	2-1/2 1/3 x 2-1/2 1/3	1	0	020	542.36
MTFR-100	2-1/2 1/3 x 2-1/2 1/3	1	0	020	573.15
MTFR-150	2-1/2 1/3 x 2-1/2 1/3	1	0	020	601.09
MTFR-200	2-1/2 1/3 x 2-1/2 1/3	1	0	020	670.99

*Standard TF-16, TF-32, MTF-16 & MTF-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

Irrigation Reverse Flow Tee Filter - 100 GPM Replacement Screens for TF Filters (24" Length)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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 TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

Irrigation Reverse Flow Tee Filter - 50 GPM Filter Replacement Screens for MTF Filters (12" Length)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
MFL-16-1	1/16" Holes	4	0	020	201.42
MFL-32-1	1/32" Holes	4	0	020	232.70

Irrigation & Turf Product
In-line Tee Style Filters and Reverse In-line Tee Style Filters & Hose Filters



In-line Tee Style Filters and Reverse In-line Tee Style Filters

Irrigation Reverse Flow Tee Filter - 50 GPM Filter Replacement Screens for MTF Filters (12" Length) (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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 TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

Irrigation Reverse Flow Tee Filter - 100 GPM Replacement Screens for TFR Filters(24" Length)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
FL-16-1	1/16" Holes	4	0	020	246.03
FL-32-1	1/32" Holes	4	0	020	268.39
FLR-50-1	50 Mesh	4	0	020	383.12
FLR-76-1	76 Mesh	4	0	020	383.12
FLR-100-1	100 Mesh	4	0	020	413.80
FLR-150-1	150 Mesh	4	0	020	447.33
FLR-200-1	200 Mesh	4	0	020	553.57

Irrigation Reverse Flow Tee Filter - 50 GPM Replacement Screens for MTRF Filters (12" Length)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
MFL-16-1	1/16" Holes	4	0	020	201.42
MFL-32-1	1/32" Holes	4	0	020	232.70
MFLR-50-1	50 Mesh	4	0	020	279.59
MFLR-76-1	76 Mesh	4	0	020	279.59
MFLR-100-1	100 Mesh	4	0	020	307.56
MFLR-150-1	150 Mesh	4	0	020	341.11
MFLR-200-1	200 Mesh	4	0	020	419.35

Hose Filters



NOTE: It is recommended to connect the inlet of the Hose Filter to the system with a swivel adapter such as Spears® AP Series, to facilitate servicing of the filter element (refer to Hose Fittings).

Made in the U.S.A.

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
 Effective 06/26/2017 See MSRP-1 Sheet or Check Spears® On-line Catalog @ www.spearsmfg.com for Pricing

Hose Filters

(continued)

Mesh Size	Hole Size (in.)	Part Number Extension
20 Mesh	.0331	-20
30 Mesh	.0232	-30
50 Mesh	.0117	-50
80 Mesh	.0070	-80
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.
 Example: HF-50 = 50 Mesh

Hose Filter Assembly - 7 GPM

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
with Stainless Steel Screen					
HF-20	3/4	10	60	020	20.73
HF-30	3/4	10	60	020	20.73
HF-50	3/4	10	60	020	20.73
HF-80	3/4	10	60	020	20.73
HF-100	3/4	10	60	020	21.53
HF-150	3/4	10	60	020	21.80
HF-200	3/4	10	60	020	22.38
with Plastic/Nylon Screen					
HF-150N	3/4	10	60	020	21.80

Hose Filter Replacement Screen

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Stainless Steel Screen					
HF-20-1W	5	25	150	020	7.58
HF-30-1W	5	25	150	020	7.58
HF-50-1W	5	25	150	020	7.58
HF-80-1W	5	25	150	020	7.58
HF-100-1W	5	25	150	020	11.20
HF-150-1W	5	25	150	020	11.20
HF-200-1W	5	25	150	020	11.20
Plastic/Nylon Screen					
HF-150-1NW	4-3/4	25	150	020	11.20

Hose Filter Body Components - 7 GPM

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Hose Filter Body w/o screen					
HF	3/4	10	60	020	15.59
Hose Washer					
W-100	3/4	50	1500	020	.21
Screen Washer					
S-W	- - -	600	0	891	.23