



PLASTIC 'Y' FILTERS

- Highly Effective Water Filtration
- Provides Efficient and Consistent System Operation
- Polypropylene Body and Cover are Robust and Durable
- Resistant to Common Acids and Fertilizers
- Filtering Element Available with Stainless Steel Screen or Polypropylene Disks



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don't wait for rain[®]

CHARACTERISTICS AND ADVANTAGES:

- Body and cover manufactured from polypropylene for long life durability.
- Excellent UV and acid resistance.
- Efficient and consistent operation.
- Stainless steel mesh screen or polypropylene disks for filtering element.
- Secondary filtration for relatively clean or average water quality.
- YCV and YFV models available with optional flushing ball valve.
- YCV models only available with stainless steel screen.
- Male pipe thread connections.

Applications:



TECHNICAL INFORMATION:

Mesh Options						
Mesh/Type	YCV 3/4"	YCV 1"	YFV 1 1/2"	YFV 2"	YHF 2"	YHF 3"
75 Mesh Screen	✓	✓	✓	✓	✓	✓
75 Mesh Disks	-	-	-	-	✓	✓
100 Mesh Screen	✓	✓	✓	-	-	-
120 Mesh Screen	✓	✓	✓	-	✓	✓
120 Mesh Disks	-	-	✓	-	✓	✓
155 Mesh Screen	✓	✓	✓	✓	-	-
155 Mesh Disks	-	-	-	-	✓	✓
200 Mesh Screen	✓	✓	✓	-	-	-

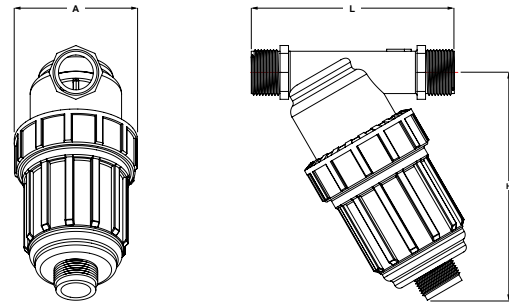
Mesh options not listed as standard may be available as special order - call for details.

Dimensions and Weight					
Model	Size	L	A	H	Weight
YCV	3/4"	4.8"	2.8"	5.3"	.35 lbs.
YCV	1"	4.8"	2.8"	5.3"	.35 lbs.
YFV	1 1/2"	10.1"	5.5"	7.4"	1.7 lbs.
YFV	2"	10.1"	5.5"	7.4"	2.2 lbs.
YHF (Screen)	2"	17.5"	8.7"	14.5"	9.0 lbs.
YHF (Screen)	3"	17.5"	8.7"	14.5"	9.1 lbs.
YHF (Disks)	2"	17.5"	8.7"	14.5"	12.3 lbs.
YHF (Disks)	3"	17.5"	8.7"	14.5"	13.0 lbs.

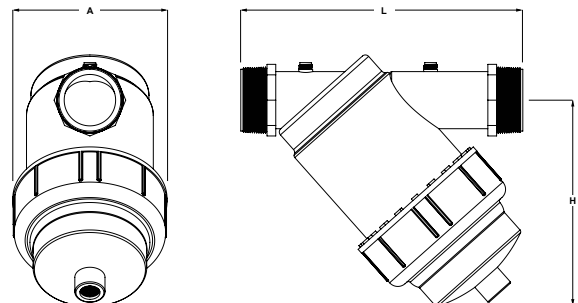
Filtration Area			
Model	Size	Disk Area	Screen Area
YCV	3/4"	-	16 sq. in.
YCV	1"	-	16 sq. in.
YFV	1 1/2"	78 sq. in.	70 sq. in.
YFV	2"	78 sq. in.	70 sq. in.
YHF	2"	228 sq. in.	200 sq. in.
YHF	3"	228 sq. in.	200 sq. in.

Filter Mesh	
Mesh	Color
75	White
100	Blue
120	Red
155	Yellow
200	Black

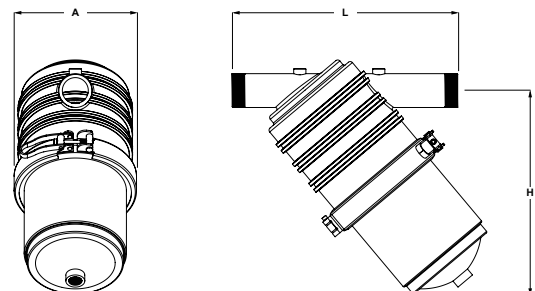
Model YCV



Model YFV

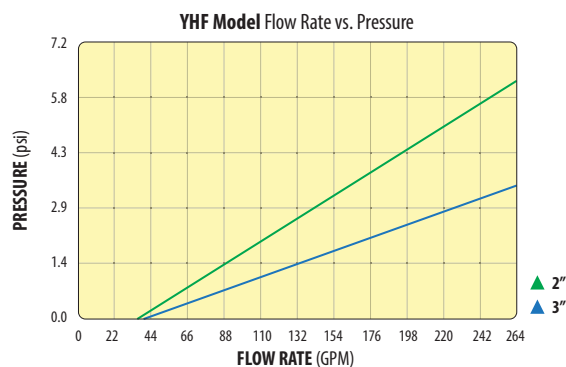
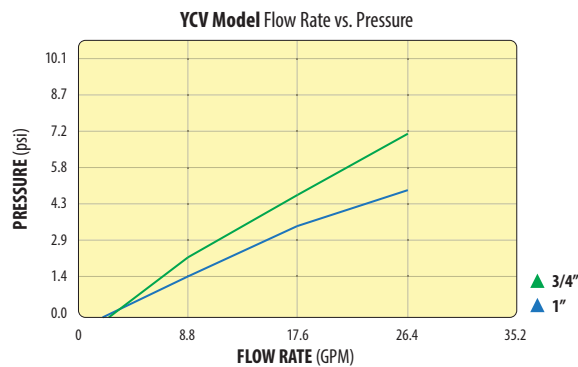
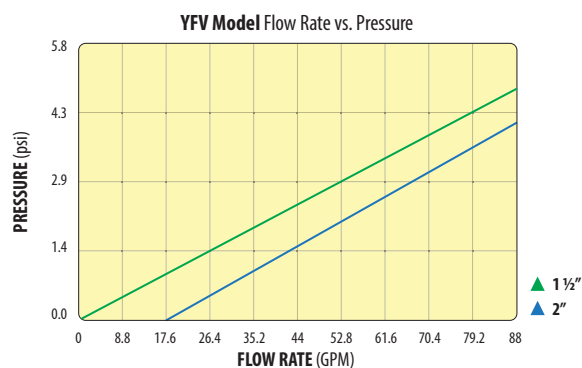


Model YHF



TECHNICAL INFORMATION:

Pressure and Flow Specifications				
Model	Size	Max Working Pressure	Pressure Loss	Max Flow Rate
YCV	3/4"	145 psi at 68°F	8 psi	22 GPM
YCV	1"	145 psi at 68°F	4 psi	22 GPM
YFV	1 1/2"	116 psi at 68°F	5 psi	88 GPM
YFV	2"	116 psi at 68°F	5 psi	88 GPM
YHF	2"	116 psi at 68°F	1.5 psi	110 GPM
YHF	3"	116 psi at 68°F	2 psi	220 GPM



ORDERING INFORMATION FOR MINI ROTO PLASTIC FILTERS:



Mini Roto Plastic Filters

Stainless Steel Screen with MIPT Connections

Part Number	Size	Screen
B4-4E7SS150	3/4"	150 Mesh
B4-4E100S150	1"	150 Mesh
B4-4E7SS150B	3/4"*	150 Mesh
B4-4E100S150B	1"*	150 Mesh

* With Flushing Ball Valve.

Mini Roto Plastic Filter Parts

Part Number	Description
B4-SS100S50	150 Mesh Screen
B4-PLATE100	Flow Plate
B4-BOR100	Body O-Ring
B4-COVER100	3/4" and 1" Filter Cover
A2-VHT75	Ball Valve for Flushing
A1-CAP	Flush Cap

ORDERING INFORMATION FOR YCV MODEL FILTERS:

3/4” Plastic ‘Y’ Filters (YCV)

Stainless Steel Screen with MIPT Connections and Cap

Part Number	Screen
A4-75S075	75 Mesh
A4-75S100	100 Mesh
A4-75S120	120 Mesh
A4-75S155	155 Mesh
A4-75S200	200 Mesh
A4-75S075B	75 Mesh *
A4-75S100B	100 Mesh *
A4-75S120B	120 Mesh *
A4-75S155B	155 Mesh *
A4-75S200B	200 Mesh *

* With Flushing Ball Valve.



With
Flushing
Ball Valve



1” Plastic ‘Y’ Filters (YCV)

Stainless Steel Screen with MIPT Connections and Cap

Part Number	Screen
A4-100S075	75 Mesh
A4-100S100	100 Mesh
A4-100S120	120 Mesh
A4-100S155	155 Mesh
A4-100S200	200 Mesh
A4-100S075B	75 Mesh *
A4-100S100B	100 Mesh *
A4-100S120B	120 Mesh *
A4-100S155B	155 Mesh *
A4-100S200B	200 Mesh *

* With Flushing Ball Valve.



With
Flushing
Ball Valve

YCV Stainless Steel Screens

Part Number	Mesh (Color)
A4-SS100S075	75 Mesh (White)
A4-SS100S100	100 Mesh (Blue)
A4-SS100S120	120 Mesh (Red)
A4-SS100S155	155 Mesh (Yellow)
A4-SS100S200	200 Mesh (Black)



3/4” Swivel x 3/4” Plastic ‘Y’ Filters (YCV)

Stainless Steel Screen with FHT x MHT Connections and Cap

Part Number	Screen
A4-HTF075	75 Mesh
A4-HTF100	100 Mesh
A4-HTF120	120 Mesh
A4-HTF155	155 Mesh
A4-HTF200	200 Mesh
A4-HTF075B	75 Mesh *
A4-HTF100B	100 Mesh *
A4-HTF120B	120 Mesh *
A4-HTF155B	155 Mesh *
A4-HTF200B	200 Mesh *

* With Flushing Ball Valve.

Also available with FHS x MHT Connections and Cap.



With
Flushing
Ball Valve

YCV Filter Parts

Part Number	Description
A4-BODY345	3/4” Body NPT
A4-BODY1005	1” Body NPT
A4-COVER	Cover
A4-BOR	Body O-Ring
A4-SOR	Screen O-Ring
A1-CAP	Flush Cap
A2-VHT75	Ball Valve for Flushing



ORDERING INFORMATION FOR YFV MODEL FILTERS:

1½" Plastic 'Y' Filters (YFV)

Stainless Steel Screen with MIPT Connections

Part Number	Screen
A4-150S075	75 Mesh
A4-150S100	100 Mesh
A4-150S120	120 Mesh
A4-150S155	155 Mesh
A4-150S200	200 Mesh
A4-150S075B	75 Mesh *
A4-150S100B	100 Mesh *
A4-150S120B	120 Mesh *
A4-150S155B	155 Mesh *
A4-150S200B	200 Mesh *

* With Flushing Ball Valve



With Flushing Ball Valve

2" Plastic 'Y' Filters (YFV)

Stainless Steel Screen with MIPT Connections

Part Number	Screen
A4-YFV2S075	75 Mesh
A4-YFV2S120	120 Mesh
A4-YFV2S155	155 Mesh
A4-YFV2S075B	75 Mesh *
A4-YFV2S120B	120 Mesh *
A4-YFV2S155B	155 Mesh *

* With Flushing Ball Valve

NOTE:

- All YFV model filters include a threaded plug in place of the cap.

1½" Plastic 'Y' Filters (YFV)

Disks with MIPT Connections

Part Number	Disks
A4-150D120	120 Mesh
A4-150D120B	120 Mesh *

* With Flushing Ball Valve



A4-SOR150 &
A4-BOR150

A4-COVER150

A4-BODY

A2-VNPT75

YFV Filter Parts

Part Number	Description
A4-SOR150	Filter Element O-Ring
A4-COVER150	Filter Cover
A4-BOR150	1½" Filter Body O-Ring
A4-BODY150	1½" Screen Filter Body
A4-BODY150D	1½" Disk Filter Body
A2-VNPT75	3/4" MPT x 3/4" FPT Ball Valve

YFV Stainless Steel Screens

Part Number	Screen (Color)
A4-SS150075	75 Mesh (White)
A4-SS150100	100 Mesh (Blue)
A4-SS150S120	120 Mesh (Red)
A4-SS150S155	155 Mesh (Yellow)
A4-SS150S200	200 Mesh (Black)

YFV Disk Cartridge

Part Number	Disks (Color)
A4-DE150120	120 Mesh (Red)



ORDERING INFORMATION FOR YHF MODEL FILTERS:

Plastic 'Y' Filters (YHF)

Stainless Steel Screen and Clamp with MIPT Connections

Part Number	Size	Screen
A4-200S075LC	2"	75 Mesh
A4-200S120LC	2"	120 Mesh
A4-300S075LC	3"	75 Mesh
A4-300S120LC	3"	120 Mesh



YHF Stainless Steel Screens

Part Number	Screen (Color)
A4-SS300S075	75 Mesh (White)
A4-SS300S120	120 Mesh (Red)

YHF Disk Cartridges

Part Number	Disks (Color)
A4-DE300D120	120 Mesh (Red)
A4-DE300D155	155 Mesh (Yellow)



A4-BODY



A4-COVER2300L



A4-CLAMPTF2

YHF Filter Parts

Part Number	Description
A4-BODY200L	2" Screen Filter Body
A4-BODY300L	3" Screen Filter Body
A4-BODY200D	2" Disk Filter Body
A4-BODY300D	3" Disk Filter Body
A4-COVER2300L	2" and 3" Screen/Disk Filter Cover
A4-CLAMPTF2	Stainless Steel Clamp

Plastic 'Y' Filters (YHF)

Disks, Stainless Steel Clamp with MIPT Connections

Part Number	Size	Disks
A4-200D075LC	2"	75 Mesh
A4-200D120LC	2"	120 Mesh
A4-200D155LC	2"	155 Mesh
A4-300D075LC	3"	75 Mesh
A4-300D120LC	3"	120 Mesh
A4-300D155LC	3"	155 Mesh



ORDERING INFORMATION FOR MISCELLANEOUS FILTERS:



3/4" Hose Thread 'T' Filters






With Stainless Steel Screen

Part Number	Screen	Bag Qty	Box Qty	Box Wt
A4-HTTF030	30 Mesh	50	300	29 lbs.
A4-HTTF050	50 Mesh	50	300	29 lbs.
A4-HTTF100	100 Mesh	50	300	29 lbs.
A4-HTTF150	150 Mesh	50	300	29 lbs.
A4-HTTF200	200 Mesh	50	300	29 lbs.
A4-HTTF050P	50 Mesh *	50	300	35 lbs.
A4-HTTF100P	100 Mesh *	50	300	35 lbs.
A4-HTTF150P	150 Mesh *	50	300	35 lbs.
A4-HTTF200P	200 Mesh *	50	300	35 lbs.

* With Schrader Valve.

3/4" Hose Thread 'T' Filter Parts

Part Number	Description	Bag Qty
A4-SST030	30 Mesh Screen (Orange)	1
A4-SST050	50 Mesh Screen (Yellow)	1
A4-SST100	100 Mesh Screen (Blue)	1
A4-SST150	150 Mesh Screen (Black)	1
A4-SST200	200 Mesh Screen (Red)	1
A1-CAP	Flush Cap	100
A2-VHT75	Flushing Ball Valve	100
A4-HTTFBSC	Hose Thread 1" T Filter Body only with swivel and cap	50

FILTER REFERENCE CHART					
Filter	Plastic T 	Mini Roto Plastic 	Plastic Y (YCV) 	Plastic Y (YFV) 	Plastic Y (YHF) 
Sizes	3/4"	3/4" 1"	3/4" 1"	1½" 2"	2" 3"
Screen Mesh	30 50 100 150 200	150	75 100 120 155 200	75 100 120 155 200	75 120
Disks Mesh	N/A	N/A	N/A	120	75 120 155

IRRITEC SYSTEM COMPONENTS:

Irritec offers the following system components - Polyethylene (PE) tubing, Filters, Valves, Air Vents, and Pressure Regulators. Refer to the Irritec Price List for additional components, ordering information and pricing.



Polyethylene (PE) tubing is manufactured with state of the art extrusion equipment for high quality and durability.



Filters offer the best protection for every irrigation system. Choose from sand media, stainless steel screen and disc filters.



Valves include Ball, Pressure Relief and Shut Off all of which are manufactured from high quality materials and offer superior reliability.



Air Vents provide air relief for maximum system protection. **Pressure Regulators** are known for accuracy and reliable performance.