

ADVANCED FILTRATION SOLUTIONS FROM TORO & YAMIT FILTRATION



MANUAL SCREEN FILTERS – ANGLE & IN-LINE CONFIGURATIONS

SAND MEDIA FILTERS

Manual Screen Filters – Angle and In-Line configurations

Primary filter for good water quality, or secondary filtration after primary filter

- Stainless steel screen delivers maximum strength at a lower cost
- Easy to assemble and disassemble for convenient, hassle-free service and maintenance—no tools required!
- Drain valve included for safe and easy pressure release



Angle

YF130VRNU-100--- F130V-100 MIC/150 MSH 3" MANUAL SCREEN FILTER

YF160FNU-100--- F160F-100 MIC/150 MSH 6" MANUAL SCREEN FILTER

YF110FNU-100--- F110F-100 MIC/150 MSH 10" MANUAL SCREEN FILTER

In-Line

YF230VRU-100--- F230VR-100 MIC/150MSH 3" IN-LINE SCREEN FILTER

YF260FYU-100--- F260F-100 MIC/150MSH 6" IN-LINE SCREEN FILTER

YF210FYU-100--- F210F-100 MIC/150MSH 10" IN-LINE SCREEN FILTER

Manual Circulating Screen Filters

Inline control filter / Primary filters for applications with light to moderate sand

- Flow directional plate allows the filter to match system flowrates for maximum efficiency
- Featuring a large collection chamber for easy periodic flushing
- Collection chamber flushing works manually or automated with an electric valve and timer



YF420VNU-100--- F420V-100 MIC/150 MSH 2" CIRCULATION SCREEN FILTER

YF460FNU-100--- F460F-100 MIC/150 MSH 6" CIRCULATION SCREEN FILTER

YF410FNU-100--- F410F-100 MIC/150 MSH 10" CIRCULATION SCREEN FILTER



Sand Media Filters - Carbon Steel and Stainless Steel options available

The Toro / Yamit Sand Media Filters provide quality filtration for water sources containing high levels of organic matter, algae contamination, sand, and silt.

- Carbon Steel filter body is coated inside and out with a UV protected polyester coating that will not chalk or fade like other coating types
- Passivation process applied to all stainless steel filters ensure maximum corrosion resistance
- Injected molded polypropylene slotted underdrain design covers entire media tank diameter to ensure uniform sand-bed lifting during flush mode
- High-quality backflush valve reliably automates your backflushing with less waste, with lower head loss with less wasted water and lower head loss

YF620L2002SCDC--- SMF 20"X2 (S) CST DC CONTROLLER – CARBON STEEL END FEED PATTERN

YF660L4812HCDC--- SMF 48"X12 (H) CST DC CONTROLLER – CARBON STEEL H PATTERN

YF660LSS4802SPCDC--- SMF 48"X2 (S) SST W/PASS DC CONT –STAINLESS STEEL END FEED PATTERN

YF660LSS4808HPCDC--- SMF 48"X8 (H) SST W/PASS DC CONT – STAINLESS STEEL H PATTERN

HYDRAULIC AUTOMATIC SCREEN FILTERS



Hydraulic Automatic Screen Filters - Carbon Steel & Stainless Steel options available

Provides quality and reliable filtration to protect all types of irrigation systems from clogging. Effective with all water sources including reservoirs, canals, rivers, wells & treated effluent water

- Carbon Steel filter body is coated inside and out with a UV protected polyester coating that will not chalk or fade like other coating types
- Passivation process applied to all stainless steel filters ensure maximum corrosion resistance
- Strong and durable three (3) layered floating 316L Stainless Steel Screen has greater effective screen area (open pore space) and can push higher flow rates through the screen
- **No special tools required for service!**

Angle

YFAF202XM-2MS0D1--- AF202XM ANGLE AUTO FILTER 2" NPT 100MIC/150M DC

YFAF208F-2AS2D1--- AF208F ANGLE AUTO SCREEN FILTER 8" FL 120 MIC/120MSH DC

Parallel

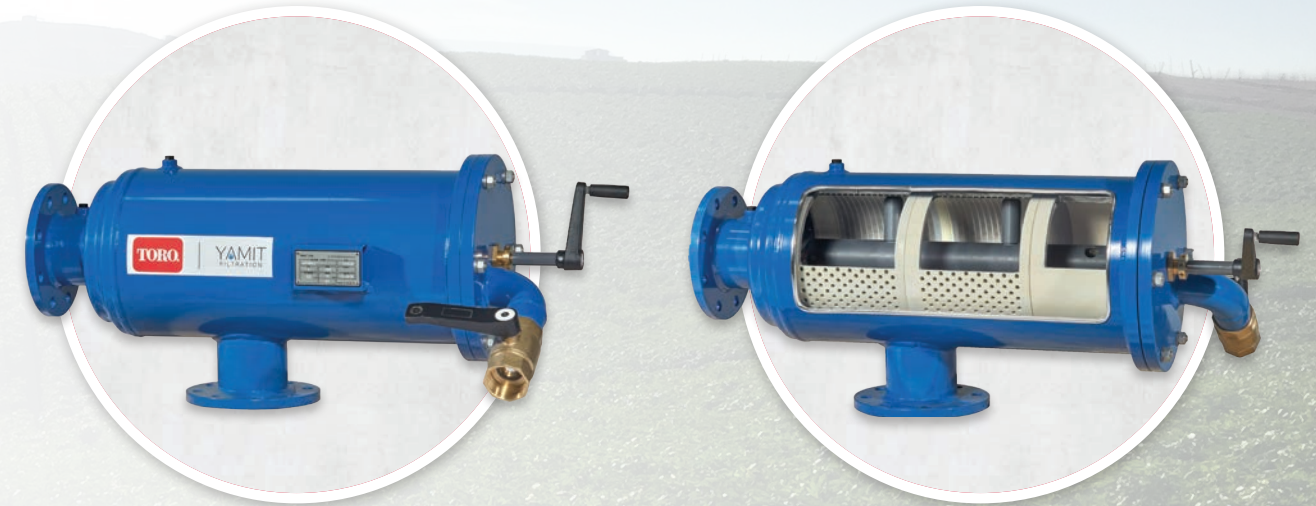
YFAF804NLFB-SL2AS0--- AUTO FILTER 4"NL FL CARBON STEEL FILTER 100MIC/150MSH DC

YFAF810XFB-SL2AS5--- AUTO FILTER 10"X FL CARBON STEEL FILTER 150MIC/100MSH DC

YFAF804NL-SS 100M--- AUTO FILTER 4"NL STAINLESS STEEL FILTER 100MIC/150MSH DC

YFAF810X-SS 150M--- AUTO FLTER 10"X STAINLEES STEEL FILTER 150MIC/100MSH DC

SEMI-AUTOMATIC SUCTION SCANNER FILTERS



Semi-Automatic Suction Scanner Screen Filters

Primary filter for water with light to moderate debris loads or for coarse water filtration (80 mesh or coarser)

- Can be cleaned without interrupting the flow or disassembling the filter—saving time and water
- Reduces down time and labor costs thanks to less-frequent cleaning requirements
- Operational at 15 psi, making it ideal for low pressure applications

YFSA504CF-2AS2--- SA504 SEMI-AUTO COMPACT 4" FL 200MIC/80MSH

YFSA508SF-2AS2--- SA508 SEMI-AUTO SUCTION 8" FL 120MIC/120MSH

YFSA514SIF-2AT2--- SA514 SEMI-AUTO SUCTION 14"(3x8") FL 200MIC/80M

SAND SEPARATORS & STRAINERS

Hydrocyclone Sand Separators

Sand separator for well water applications, rivers, and canals that have moderate to high levels of sand and silt

- Tapered shape of the body accelerates high water velocity to achieve greater particle separation
- Hydrocyclone design forces particles to the bottom of the collection chamber
- Rubber cone optimizes efficiency while protecting the hydrocyclone's lower neck



YF710N0015MYU--- H.CYCLONE 3"X3/4"NPT W/TANK 0.4 GAL

YF760F060FYU--- H.CYCLONE 16"X4"FL W/TANK 16 GAL

YF780V220FYU--- H.CYCLONE 30"X8"VIC W/TANK 60 GAL

Pre-Pump Strainers

Pre-filtration to protect and extend the life of the pump and reduce the level of solids in the water

- Filter body is coated inside and out with a UV protected polyester coating that will not chalk or fade like other coating types
- Minimum pressure required for the sprinkler flushing operation is 30-45 psi depending on type of debris
- Offers pump protection for a wider range of pumping applications
- Installation can be either horizontal or vertical for flexible and easy installation



YFPPS1004-1200--- PRE PUMP STRAINER 4" 1200 MIC/16 MSH

YFPPS1008-2500--- PRE PUMP STRAINER 8" 2500 MIC/8 MSH

YFPPS1012-2500--- PRE PUMP STRAINER 12" 2500 MIC/8 MSH

STONE SEPARATORS & BUTTERFLY VALVES

Pre-Filtration Stone Separator

For the protection of pumps and water meters from stones, debris and other large suspended solids in the water

- Filter body is coated inside and out with a UV protected polyester coating that will not chalk or fade like other coating types
- Single perforated Stainless Steel AISI 316 screen delivers maximum strength & durability
- Flanged connections ensure easy installation

YF2002F-2AW3--- 2" PREFILTR.STONE SEPARATOR F2002 ASA150 3000MIC/5MSH

YF2004F-2AW3--- 4" PREFILTR.STONE SEPARATOR F2004 ASA150 3000MIC/5MSH

YF2008F-2AW8--- 8" PREFILTR.STONE SEPARATOR F2008 ASA150 8000MIC/5/16IN



Butterfly Valves

Wafer Type Butterfly Valves – Lever or Gear operated

- Rubber Bonded Seal requires lower torque to open and close the valve
- Discs are either Stainless Steel or Rilsan Coated Ductile Iron for superior corrosion resistance and longer life
- Superior design doesn't require a pin to connect the Stem to the Disc reducing failure and maintenance

YF-2IN-LEVER-BFV--- 2" LEVER OPERATED BUTTERFLY VALVE

YF-6IN-LEVER-BFV--- 6" LEVER OPERATED BUTTERFLY VALVE

YF-12IN-GEAR-BFVV--- 12" GEAR OPERATED BUTTERFLY VALVE





WHEN WE SAY **COUNT ON IT**, WE MEAN IT

With an expanding population, growers around the world are looking to technologies that help increase productivity of existing land and maximize precious water resources. Toro's drip irrigation solutions help growers of permanent, field and row crops around the world realize substantial benefits in yield, quality, and water savings from the precise application of water and nutrients.

Visit [toro.com](https://www.toro.com) or call **(877) 373-0087** for more information or to find your local Toro dealer. Visit [driptips.toro.com](https://www.driptips.toro.com) to learn more about drip irrigation and how it can help your farm.

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