

SENTRY ADVANCED FILTRATION SOLUTIONS



Ag

SENTRY SAND FLEX SAND MEDIA FILTRATION SYSTEM



SentrySand Flex Stationary
4 x 48" Tank Sand Media System Equivalent
Equivalent Flow Range: 790 - 1320 GPM
Backflush Flow Rate: 190 GPM
Pressure: 87 psi Maximum



SentrySand Flex Trailer
4 x 48" Tank Sand Media System Equivalent



SentrySand Flex

Features a patent-pending design that promises to revolutionize the industry by significantly reducing the material and labor required to construct it in the field. With the SentrySand Flex, customers can look forward to a more streamlined installation process. Additionally, our system offers greater flexibility, enabling clients to spread out or rationalize the cost of their investment as required.

Features and Benefits

- Streamline your operation with plug-and-play filtration – simply connect your inlet, outlet, and backflush line to start running water.
- Simplified setup through pre-installed valves, manifolds, and controls.
- Reduce materials and labor with an integrated filtration platform that requires less site preparation.
- Flexible deployment options for permanent, semi-permanent, or mobile applications.

YF665F4804TDCS --- 4X48", CARBON STEEL, STATIONARY, DC CONTROLLER

YF665F4804TDCT --- 4X48", CARBON STEEL, TRAILER, DC CONTROLLER



SENTRY SAND FILTERS SAND MEDIA FILTRATION SYSTEMS



SentrySand Media Filters - Carbon Steel and Stainless Steel options available.

The Toro Ag Sand Media Filters provide quality filtration for water sources containing high levels of debris, organic matter, and algae contamination.

- 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

SENTRYSCREEN AUTOMATIC SCREEN FILTERS



SentryScreen 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

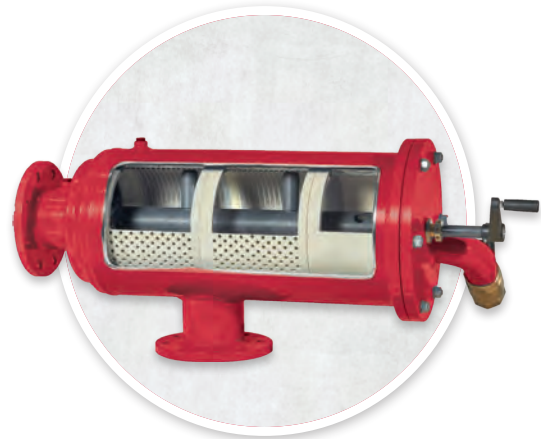
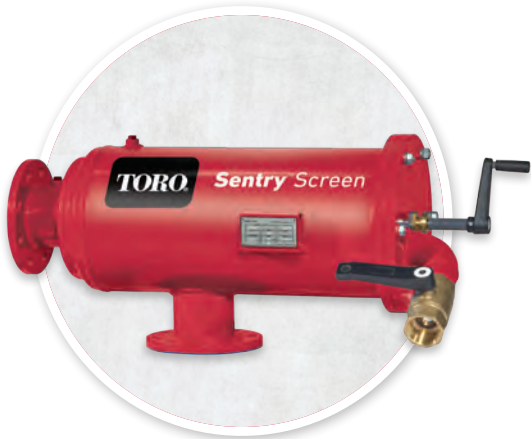
YFAF810XFB-SL2AS5--- AUTO FILTER 10"X FL CARBON STEEL FILTER 150MIC/100MSH DC

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

SENTRYSCREEN AND SENTRYCYCLONE

SentryScreen 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

SentryCyclone 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



SENTRYSCREEN MANUAL SCREEN FILTERS

SentryScreen 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

YF230VRYU-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

SentryScreen 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

SENTRY SEPARATORS & STRAINERS

Sentry 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



Sentry 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





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

TORO[®]

Count on it.



 **SCAN ME**

© 2024 The Toro Company.
All Rights Reserved. Printed in the USA.

Toro Ag
1588 N. Marshall Avenue
El Cajon, CA 92020-1523, USA
Tel: + 1 (877) 373-0087 or + 1 (619) 596-2495
Fax: +1 (800) 892-1822 or +1 (619) 258-9973
toro.com | driptips.toro.com

ALT313
10/24

Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, required attachments and safety features. We reserve the right to improve our products and make changes in specifications, design and standard equipment without notice and without incurring obligation. See your dealer for details on all our warranties.