



Filtration Products for Irrigation

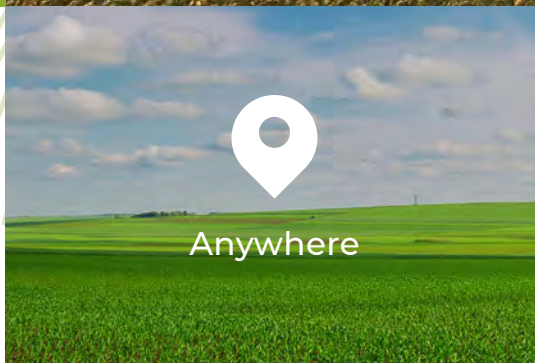
MASTERS ^{OF} FILTRATION



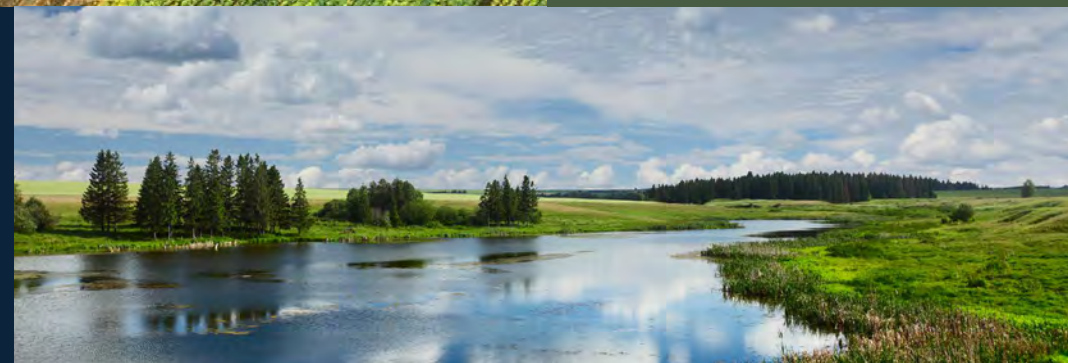
Any Crop



Anywhere



Any Water Source



Any Technology



**Farming is
our heritage.**
**Filtration is our
legacy.**

At Amiad, our roots are in the land. As farmers, we learned at firsthand what our crops need to thrive. We understand that every water source is different, and how water quality can greatly affect crop yield.

The filter is the first vital link in the irrigation chain. It's there to protect irrigation systems from damage, while delivering the best quality water.

We develop filters that are able to cope with any water quality, in any geographical location.

We've spent years mastering filtration technology so we can offer a wide range of filters for every farmer's needs including screen, disc or media technology. Our fully automated filtration systems save time, manpower and costs.



Disc
Technology



Screen
Technology



Media
Technology

We consider every challenge as an opportunity to work side by side with our customers to solve their problems. We'll go anywhere to ensure our filters perform as expected, 24/7, every day of the year.

When you want a high performance filter for your irrigation system, consult with Amiad. We focus on doing what we do best.

Amiad. Masters of Filtration.

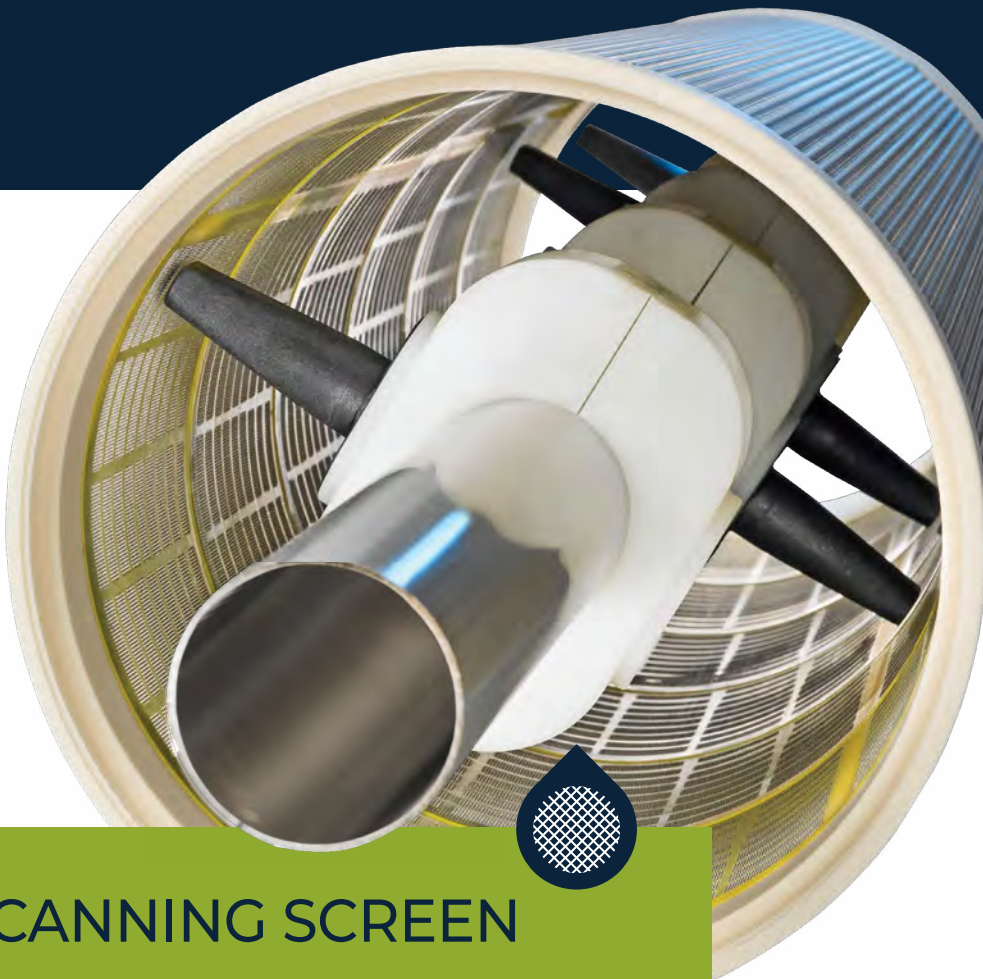
ADVANCED FILTRATION TECHNOLOGIES

With three filtration technologies under one roof, we offer a full range of solutions.



SPIN KLIN™ DISC

Polymeric grooved discs providing depth filtration with high dirt holding capacity and consistent filtration results, with superior retention of organic matter.



SUCTION-SCANNING SCREEN

Combines a focused flush with suction scanner automation to provide self-cleaning of a multi-layered stainless steel screen to ensure high efficiency filtration.



MEDIA

Available with a wide range of media types – sand, glass, active carbon, anthracite, basalt, etc. – and various tank construction materials, meeting international drinking water standards.



Automatic Screen Filters



M100 Series

Diameters | 2"-4"

Operation | Automatic

Flow rate | ≤ 440 gpm (100 m³/h)

Filtration degrees | 80-500 micron



Registered Patent



MINI SIGMA Series

Diameters | 2"-4"

Operation | Automatic

Flow rate | ≤ 352 gpm (80 m³/h)

Filtration degrees | 50-500 micron



M100 Series

Diameters | 4"-10"

Operation | Automatic

Flow rate | $\leq 1,760$ gpm (400 m³/h)

Filtration degrees | 80-500 micron



Registered Patent



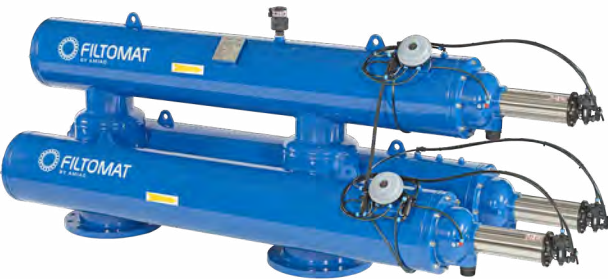
SIGMA PRO Series

Diameters | 4"-8"

Operation | Automatic

Flow rate | $\leq 1,233$ gpm (280 m³/h)

Filtration degrees | 50-500 micron



MG Series

Diameters | 10"-14"

Operation | Automatic

Flow rate | $\leq 3,520$ gpm (800 m³/h)

Filtration degrees | 80-500 micron



ADI-P Controller

Available as a one or two solenoid configuration, the ADI-P Controller operates the automated processes that flush your automatic filters for easy and convenient control and monitoring.



TAF Series

Diameters | 2"-3"
Operation | Automatic
Flow rate | ≤ 220 gpm (50 m³/h)
Filtration degrees | 10-500 micron



EBS Series

Diameters | 8"-36"
Operation | Automatic
Flow rate | $\leq 32,000$ gpm (7,200 m³/h)
Filtration degrees | 10-800 micron



SAF Series

Diameters | 2"-10"
Operation | Automatic
Flow rate | $\leq 1,760$ gpm (400 m³/h)
Filtration degrees | 10-800 micron



OMEGA Series

Diameters | 8"-16"
Operation | Automatic
Flow rate | $\leq 9,700$ gpm (2,200 m³/h)
Filtration degrees | 10-500 micron



ABF Series

Diameters | 3"-36"
Operation | Automatic
Flow rate | $\leq 32,000$ gpm (7,200 m³/h)
Filtration degrees | 200-3,500 micron



2" SPIN KLIN™ Compact

Diameters | 2"

Operation | Automatic

Flow rate | ≤ 66 gpm (15 m³/h)

Filtration degrees | 20-400 micron



3" SPIN KLIN™ APOLLO ANGLE Batteries

Diameters | 4"-8"

Operation | Automatic

Flow rate | $\leq 1,409$ gpm (320 m³/h)

Filtration degrees | 20-400 micron



2" SPIN KLIN™ Batteries

Diameters | 3"-6"

Operation | Automatic

Flow rate | ≤ 530 gpm (120 m³/h)

Filtration degrees | 20-400 micron



4" SPIN KLIN™ APOLLO TWIN Batteries

Diameters | 10"-12"

Operation | Automatic

Flow rate | $\leq 3,520$ gpm (800 m³/h)

Filtration degrees | 20-400 micron



3" SPIN KLIN™ Batteries

Diameters | 6"

Operation | Automatic

Flow rate | ≤ 880 gpm (200 m³/h)

Filtration degrees | 20-400 micron



4" SPIN KLIN™ GALAXY Batteries

Diameters | 8"-16"

Operation | Automatic

Flow rate | $\leq 13,200$ gpm (3000 m³/h)

Filtration degrees | 20-400 micron

Semi-Automatic & Manual Filters



SEMI AUTOMATIC BRUSHAWAY Series

Technology | Screen
Diameters | 2"-8"
Operation | Semi-Automatic
Flow rate | $\leq 1,320$ gpm (300 m³/h)
Filtration degrees | 200-3,500 micron



MANUAL PLASTIC AMIAD Series

Technology | Screen, Disc
Diameters | 3/4"-3"
Operation | Manual
Flow rate | ≤ 220 gpm (50 m³/h)
Filtration degrees | 50-3,500 micron



SEMI AUTOMATIC SCANAWAY Series

Technology | Screen
Diameters | 2"-8"
Operation | Semi-Automatic
Flow rate | $\leq 1,320$ gpm (300 m³/h)
Filtration degrees | 50-500 micron



MANUAL PLASTIC AMIAD TAGLINE Series

Technology | Screen, Disc
Diameters | 3/4"-3"
Operation | Manual
Flow rate | ≤ 220 gpm (50 m³/h)
Filtration degrees | 80-500 micron



MANUAL STEEL Series

Technology | Screen
Diameters | 2"-8"
Operation | Manual
Flow rate | $\leq 1,320$ gpm (300 m³/h)
Filtration degrees | 50-3,500 micron



MANUAL PLASTIC ARKAL Series

Technology | Disc
Diameters | 3/4"-6"
Operation | Manual
Flow rate | ≤ 705 gpm (160 m³/h)
Filtration degrees | 20-800 micron



MEDIA Series

Technology | Media
Diameters | 20"-48"
Operation | Automatic
Flow rate | ≤ 330 gpm (75 m³/h) per unit



FERTILIZER INJECTOR PUMP 4-01

Type | Hydraulic Motor
Operation | Manual / Automatic
Injection rate | ≥ 66 gal/h (250 l/hr)



AGF Series

Technology | Media
Diameters | 48"
Operation | Automatic
Flow rate | ≤ 308 gpm (70 m³/h) per unit



FERTILIZER INJECTOR PUMP 4-02 / 4-92

Type | Hydraulic Motor
Operation | Manual / Automatic
Injection rate | ≥ 66 gal/h (250 l/hr)



SAND SEPARATOR Series

Diameters | 2"
Operation | Automatic
Flow rate | ≤ 110 gpm (25 m³/h)



DUPLEX FERTILIZER INJECTOR PUMP 4-03

Type | Hydraulic Motor
Operation | Manual / Automatic
Injection rate | ≥ 132 gal/h (500 l/hr)

Water source



Water collected in reservoirs may come from floodwater or treated water. Collected organic matter and debris can lead to blockages anywhere in the irrigation system. The quality of water in canals and rivers changes dramatically from season to season, requiring high-performance filtration systems that can handle significant variations and fluctuations in water quality.

Every water source presents its own diverse challenges. Our decades of experience and innovative technologies enable us to provide filtration solutions for any water source, anywhere.

Irrigation Method



Micro Sprinklers

-  Horticulture
-  Greenhouses
-  Landscape



Pivot Irrigation

-  Agriculture
-  Horticulture



Sprinklers

-  Agriculture
-  Gardening
-  Golf
-  Landscape

Applications



Banana Plantation

Country	Israel
Application	Protection of drip irrigation
Flow rate	352-616 gpm (80-140 m³/h)
Water source	Wastewater
Filtration degree	130 micron
Filtration solution	6" Sigma Pro



Avocado Plantation

Country	Israel
Application	Protection of drip irrigation
Flow rate	308 gpm (70 m³/h)
Water source	Lake water (Sea of Galilee)
Filtration degree	100 micron
Filtration solution	4" Mini Sigma



Landscape Irrigation

Country	USA
Application	Landscape irrigation
Flow rate	176 gpm (40 m³/h)
Water source	Municipal water
Filtration degree	300 micron
Filtration solution	4" Mini Sigma



Apple Orchard

Country	Israel
Application	Protection of drip irrigation
Flow rate	528 gpm (120 m³/h)
Water source	Reservoir
Filtration solution	4 x 36" Media Filters



Banana, Avocado & Mango

Country	Israel
Application	Protection of drip irrigation
Flow rate	3,082 gpm (700 m³/h)
Water source	Lake and river
Filtration degree	100 micron
Filtration solution	2 x 5 Apollo Twin 4"



Rahat Reservoir

Country	Israel
Application	Wastewater treatment for irrigation crops
Flow rate	4,400 gpm (1,000 m³/h)
Water source	Rahat Reservoir
Filtration degree	130 micron
Filtration solution	5 x Filtomat M108



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MASTERS OF FILTRATION

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