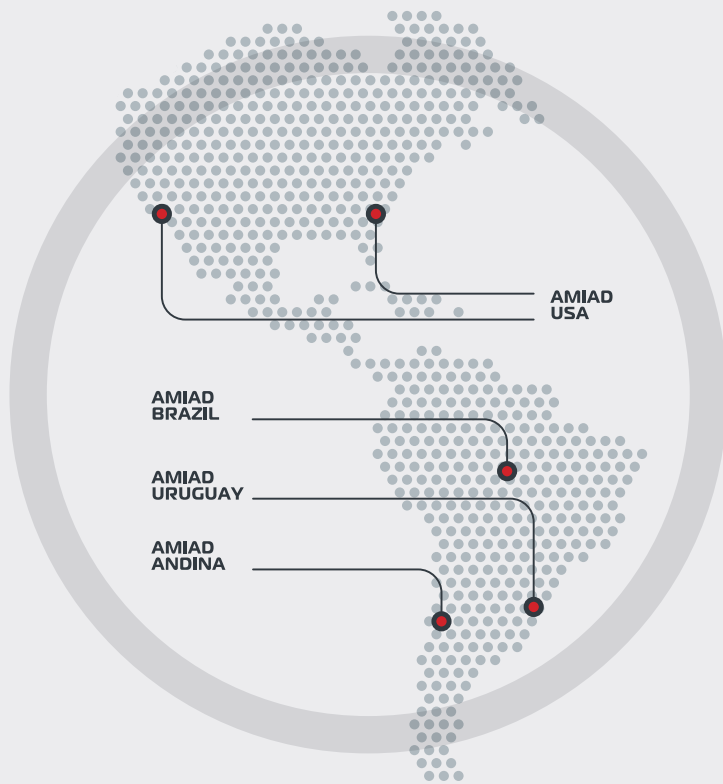


Industrial Product Overview



# our values your benefits

Our vision and values focus on constant innovation, striving to deliver advanced filtration solutions which provide Return On Investment (ROI) while protecting the environment.



## Low Maintenance

Amiad filters are designed to perform and built to last. Low maintenance means high confidence, which allows our customers to focus on their core business.



## Saving Energy

Energy, like water, is a precious resource. All our filters are designed to use minimal energy, some even solely through water pressure.



## Commitment

Our commitment to quality, reliability, efficiency, and dedicated customer service ensure that end users can focus on production, not filtration.



## Water Conservation

Conserving water is an integral part of all our systems. Amiad's self-cleaning filters utilize minimal amount of back flush water, ensuring clean water can be used for production.



## point to point all over the world

Amiad provides solutions to more than 70 countries, with eleven subsidiaries and sales offices. The company sells principally through distributors as well as directly to end-users and through water treatment system integrators and irrigation companies. The company operates from its headquarters and manufacturing center in Israel.

In addition, Amiad has offices in Singapore, China, India, Turkey, Germany, Holland, France, Brazil, Uruguay, Chile and North America and third party distributors around the world. Amiad is renowned worldwide for its high-quality standards, consistent availability of parts, prompt delivery, and ongoing customer support.



### Small Footprint

Amiad filters are designed to handle big jobs in small areas, freeing up valuable space in crowded urban and limited production areas. Systems can also be installed underground.



### ROI

Amiad's filtration systems yield proven return on investment. Clean water enhances the production process and protects infrastructure, such as pipes, machinery, valves, emitters and ultra-fine filters.



### Green Technology

Amiad considers ecology along with economics. Our filtration systems deliver clean water with clean technology.

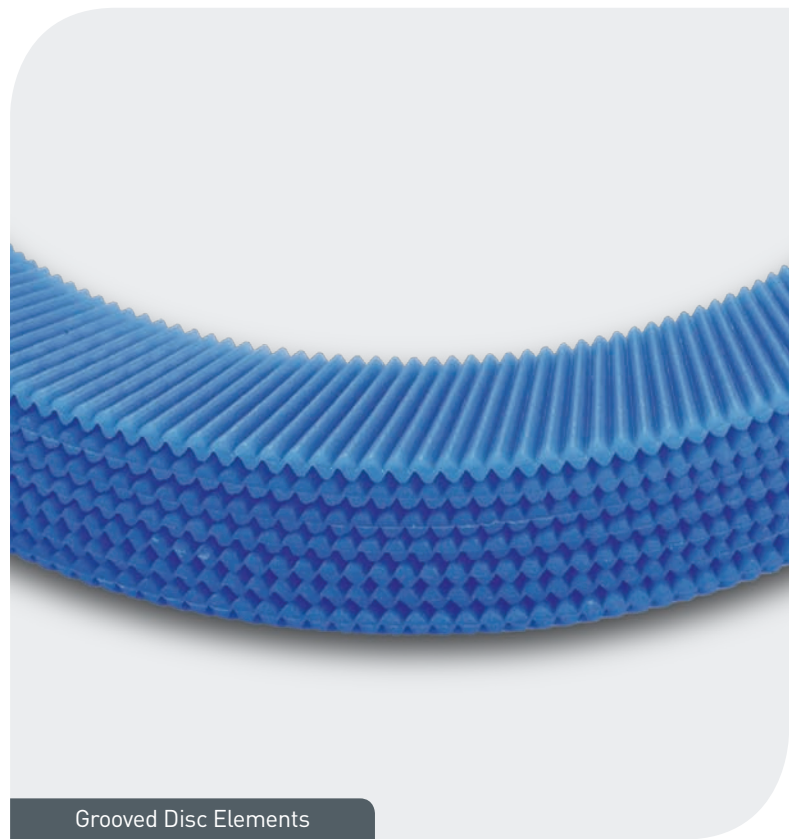
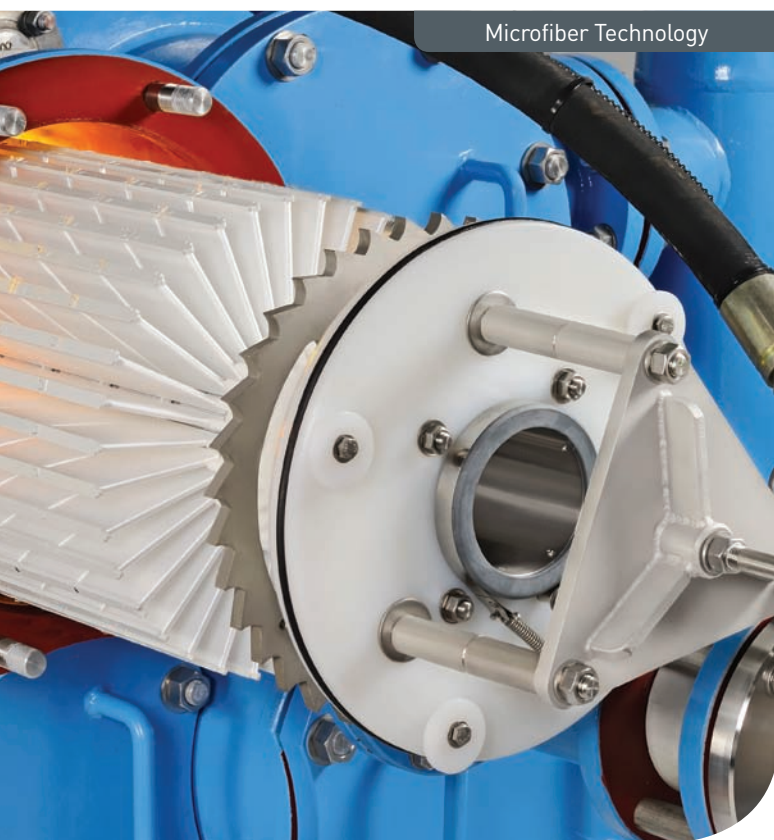


### Smart Technology

Sophisticated technology allows Amiad filters to communicate upstream and downstream - and operate remotely - tackling nearly any water filtration challenge.

# clear solutions to water filtration challenges

For half a century, Amiad Water Systems has devoted its passion and Innovation to develop a comprehensive line of exceptionally efficient automatic self-cleaning filters. The 50 year effort of total commitment and focus solely on water filtration has yielded a product range of screen, disc and microfiber technology as well as filtration expertise second to none. We are grateful for the reputation we've earned and never forget that it depends on the paramount importance we dedicate to our customers and their water systems we proudly protect with our filtration solutions.



## Proven reliability, global reach

Amiad's durable solutions can be customized for a wide range of applications to meet the toughest climates, water conditions, and technical requirements. Our in-depth knowledge and expertise is built on years of experience, undertaking in projects around the world — from antarctica to the far east. Amiad filters are built to meet the highest technical standards. Its flexible configuration makes amiad filters suitable for installation anywhere along the water system line.

## Clean technology for a greener world

Amiad filtration systems are more than just effective and reliable – they're environmentally sound:

- No chemicals
- No polymers
- A bare minimum of back flush water
- Reduced energy demand – many of amiad's systems don't even require electricity and can work in low pressure

# a world leader in filtration technologies

Our outstanding technologies - suction-scanning, microfiber, grooved disc elements - are developed to effectively treat and filter the water, providing custom-built solutions to meet the market needs.



## Industry

Automotive, Aviation, Ballast treatment, Electronics, Food & Beverage; Mining, Oil & Gas, Petrochemical, Power Generation, Pulp & Paper



## Municipal

Potable Water, Waste Water, Desalination, Brackish Water, High rise buildings, Pre-filtration to Membranes



## Irrigation

Agriculture, Golf & Turf, Aquaculture, Green Houses

## grooved disc elements

Arkal's unique disc filtration technology operates using thin, color-coded polypropylene discs of a specific micron size. The discs are grooved on both sides, in opposite directions, creating a series of crossing points which form multiple particle traps. A series of discs are stacked and compressed on a specially designed spine creating a matrix of consecutive crossing points which form multiple particle traps. The system enters backflush mode, activated by predefined time command or differential pressure.

## suction-scanning technology

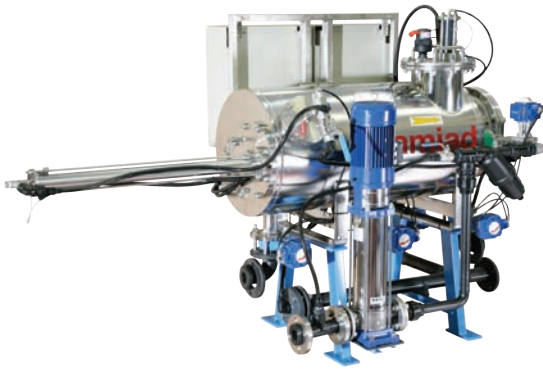
Amiad's proprietary suction-scanning technology combines focused flush with automation to provide 100% cleaning of the screen area, while using less than 1%. Suction-scanning technology eliminates the need to isolate the filter during the self-cleaning cycle. The focused cleaning and the minimal exhaust requirement allow for uninterrupted process flow.

## microfiber technology

Amiad uses microfiber thread technology to create highly-effective self-cleaning filter systems. The automatic self-cleaning filters use a unique filtration medium constructed of fine threads wound in layers around a grooved plastic spool cassette, removing dirt particles as water flows through multi-layered cassettes to the collecting pipes and out of the filter via outlets. The accumulation of dirt particles causes differential pressure. At a preset pressure differential value or time interval, the control unit activates the self-cleaning cycle.

# Automatic Self Cleaning Microfiber Filters

Filtomat Series



AMF<sup>2</sup> 36K



AMF<sup>2</sup> 93K



AMF<sup>2</sup> 370K

# Automatic Self Cleaning Screen Filter

Filtomat Series



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MCFM



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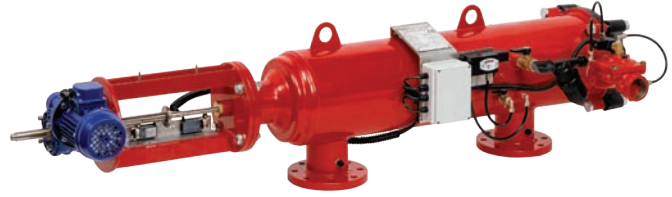
M300 Series

# Automatic Self Cleaning Screen Filters

Amiad Series



SAF 1500



SAF 3000



SAF 4500



SAF 6000





TAF-750



ABF 6000



ABF 10000



Mega ABF



EBS 10000



EBS 15000



Mega EBS

# Automatic Self Cleaning Spin Klin® Disc Filters

Arkal Series



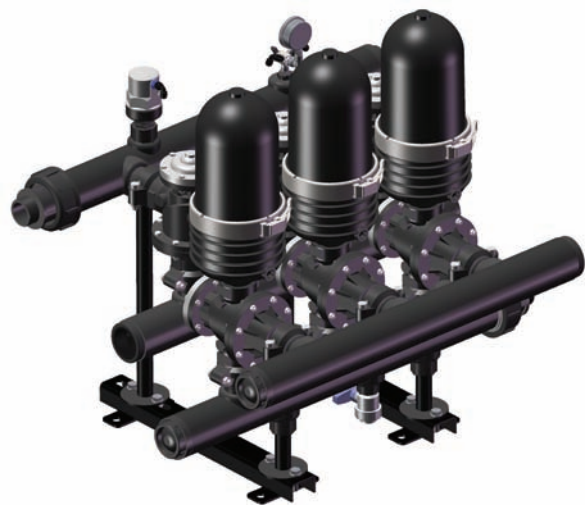
Spin klin 2" compact all plastic



Spin klin 2" Compact air aided flushing



Spin klin 2" plastic battery



Spin Klin 2" Opal - External Source Flushing



Spin Klin 2" Opal - Air Aided Flushing S.S



Spin Klin 3" Crystal - External Source Flushing plastic



Spin klin 3" plastic battery



Spin klin 4" Galaxy plastic



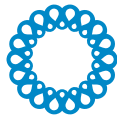
Spin Klin 4" Galaxy - External Source Flushing plastic



Spin Klin Module Galaxy 6" plastic



**ARKAL**



**FILTOMAT**



**AMIAD**

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