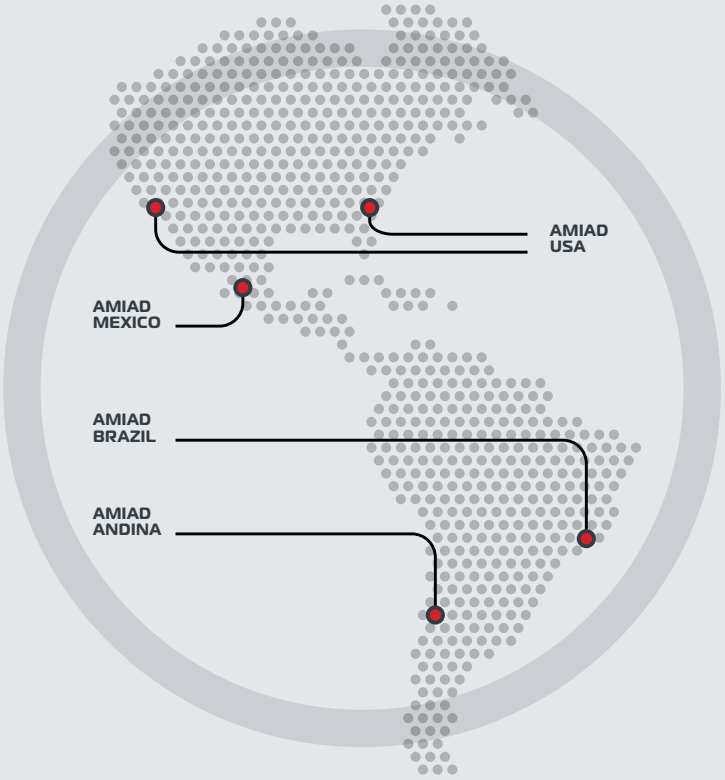
Industrial Product Overview

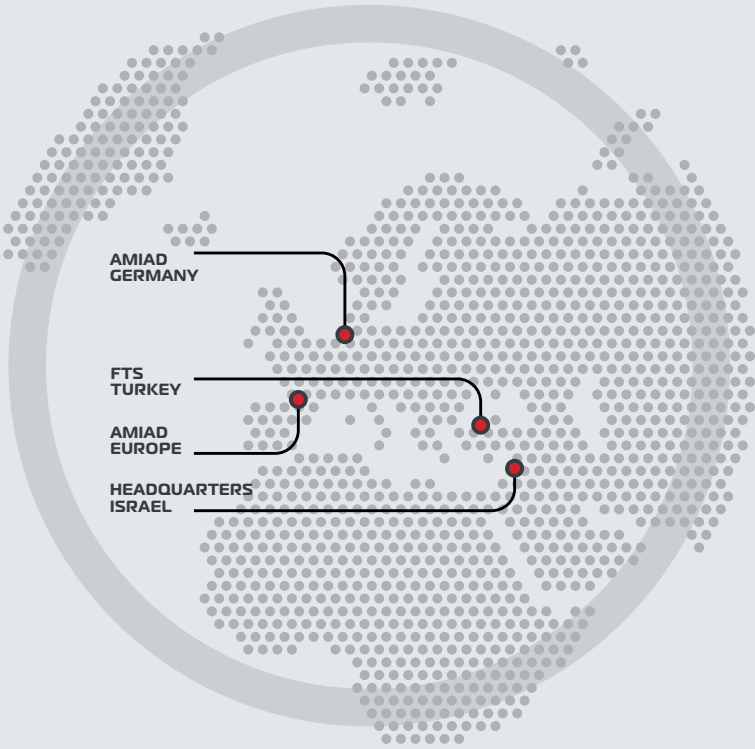
amiad® WATER SYSTEMS

ARKAL FILTOMAT AMIAD

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.

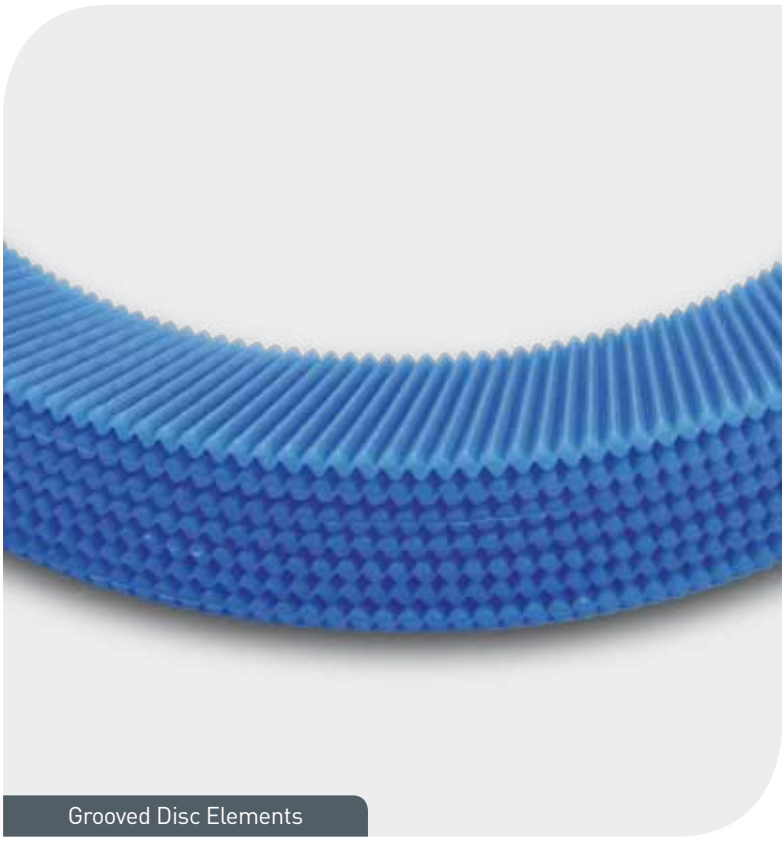
Water Conservation

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.

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.

Microfiber Technology



Grooved Disc Elements

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.

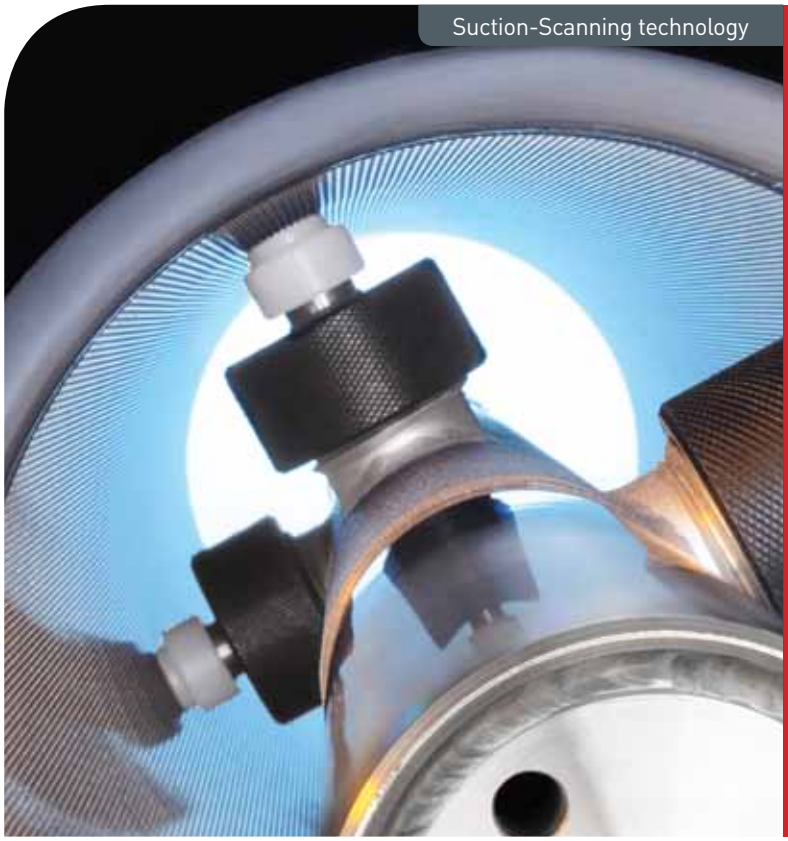
Clean technology for a greener world

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.



Suction-Scanning technology

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 uniqu 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.

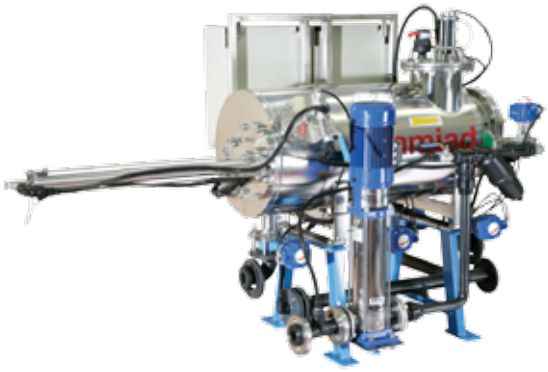
microfiber technology

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

FILTOMAT



AMF² 36K

AMF² 93K

AMF² 370K

Automatic Self Cleaning Screen Filter

Filtomat Series

FILTOMAT

MCFM

M300 Series

Automatic Self Cleaning Screen Filters

Amiad Series

AMIAD

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 SpinKlin® Disc Filters

Arkal Series

SpinKlin 2” compact all plastic

SpinKlin 2” compact air aided flushing

SpinKlin 2” plastic battery

**SpinKlin 2” -
external source flushing**

SpinKlin 2” - Air Aided Flushing S.S

SpinKlin 3” -
External Source Flushing plastic

SpinKlin 3” plastic battery

SpinKlin 4” Galaxy plastic

SpinKlin 4” Galaxy -
external source flushing plastic

SpinKlin Module Galaxy 6” plastic

Distributed By:
Northeast Filter