



# Mobile Water Solutions

aria<sup>FAST</sup>  
impro<sup>™</sup>



## Water on demand — when and where you need it

For more than 30 years, Aria Filtra® has provided municipalities and industries with reliable water treatment solutions to meet their most complex water challenges. Whether your needs are preplanned or require emergency response, our fleet of membrane-based water solutions provide high-quality water to meet your specific needs. With an extensive global footprint, our trained engineers can respond quickly to keep your water flowing.

### QUICK FACT

Aria FAST™ mobile water units can deliver 45 gallons per minute (gpm) to more than 1,400 gpm (10 to 320 cubic meters per hour [m<sup>3</sup>/hr]). Multiple units can be configured for larger capacities, providing the quality and quantity of water you need, when and where you need it.





## A fast solution to meet your specific needs

- **Preplanned shutdowns:** Short- or long-term water services for planned maintenance, to meet seasonal peak demand, or to supplement your supply
- **Emergency response:** Rental assets that can deploy and be up and running in hours
- **Permanent solutions:** Modular assets available for purchase or long-term lease that deliver high-quality membrane filtration without the expense of costly civil works
- **Aria CARE™ services:** Skilled service engineers available 24 hours a day to respond to technical questions or provide optimization assistance

## How it works

Using robust membrane filtration, the Aria FAST mobile system transforms discharge water, groundwater, surface water, and secondary effluent into water that is free from harmful bacteria, cysts, and particles, ready for either drinking water or industrial use.

## Typical specifications

- Inlet maximum and minimum water temperature: 40°C / 4°C (104°F / 40°F)
- Filtrate turbidity: < 0.1 NTU maximum, < 0.02 NTU typical
- Filtrate silt density index: < 3 maximum, < 2.5 typical
- Filtrate bacteria and particles: > 0.1µ removed to nondetectable limits (> 99.999%)
- Effective removal of oxidized iron, manganese, and arsenic

**aria**<sup>FAST™</sup>

- Municipal water treatment
- Seawater RO pretreatment
- Cooling tower blowdown
- Water recycling and reuse
- Mining and process water

**impro**<sup>™</sup>

- Municipal and industrial applications
- High recovery
- Minimum waste disposal
- Intelligent operation
- Reduced energy consumption



+1 (866) 475-0115

AriaFiltrInfo@  
TrojanTechnologies.com

[AriaFiltr.com](https://ariafiltr.com)

Aria Filtra, a division of Trojan Technologies, is the filtration partner of choice for municipal and industrial customers that need reliable access to consistent, high-quality water. With more than two billion gallons of installed capacity spanning six continents, Aria Filtra has the process expertise, proven technology, and intelligent systems that customers trust to reliably tackle their most complex water treatment challenges. Featuring industry-leading durability, reliability, and ease of operations, our broad portfolio of solutions ensures mission-critical functions continue to work as needed, day in, day out, for years to come. Learn more at [AriaFiltr.com](https://ariafiltr.com).

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your local representative to verify that this information remains valid.

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