

First Water™ - Treatment Technology Summary Sheet

Phone: 770.442.8257

1. [FW-1200-M™](#)

Description:

The FW-1200-M™ is an easily moved solution that can be quickly deployed around a hospital or campus during water emergencies to produce potable water for drinking, hygiene, and food production.

- Processes: 3 stage filtration: 0.1 um effective filtration, virus media filtration, UV disinfection
- Product Volume: 28,000 gpd, 20 gpm potable product
- Feed Water Types: Groundwater or Surface Water (no desalination step)
- Concentrate Volume: Discharge stream is suitable for sewage disposal
- Power Requirements: 120 VAC / 10 amps
- Footprint: 40" x 24" x 32", 190 lbs
- Notes: First Water™ also offers smaller FW-60-M and FW-300-M options that are potable with a 60 and 300 gph treatment rate. This company also offers temporary storage. The Supply Station™ is an open face tank available in 3,000 gallon and 300 gallon capacities. Constructed of heavy duty 14 gage steel tubing and 22 oz. pvc, it is rugged enough for any environment yet folds to a compact footprint for easy storage.

2. [First Water™](#) (MTS-1, MTS-2, MTS-3)

Description:

The Mobile Trailer Solutions from First Water provide an easy way to store and position your water purification equipment for rapid deployment to most any location. Each MTS contains equipment that will enable you to manage every aspect of a water disruption and can be easily selected based on your output need or community size. In addition, the trailers are custom designed to provide not only safe storage and transport but an ideal operational platform.

- Processes: 4 stage filtration, UV disinfection, virus media filtration, 0.2 um effective filtration (uses FW-270-M systems)
- Product Volume: 21,000 gpd, 43,000 gpd, and 64,000 gpd
- Feed Water Types: Groundwater or Surface Water (no desalination step)
- Concentrate Volume: Discharge stream is suitable for sewage disposal
- Power Requirements: 120 VAC / 10 amps
- Footprint: 7' x 14' Double Axle Trailer
- Estimated Cost: + Delivery \$1.75 per mile, each way, FOB Sanford NC. Min \$2,000 - Max \$5,000
- Notes: First Water™ offers onsite training with the trailer options.