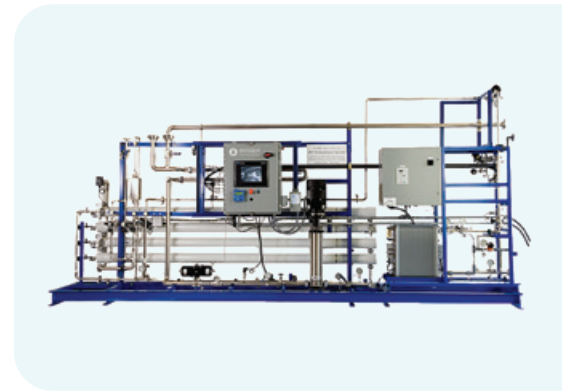


## EPV™ Water Purification Systems



### GENERAL INFORMATION

EPV™ systems are pre-manufactured, skid-mounted water systems designed for the biopharmaceutical, cosmetics, laboratory, and medical device manufacturing industries. These systems are economical and pre-engineered and can be delivered and installed quickly for those who have an immediate need, or future needs, for a validated water system.

Designed to produce flow rates from 0.1 to 50 gallons per minute (gpm) (0.3 to 190 liters per minute [lpm]), at the point-of-use. These integrated, skid-mounted systems include pretreatment, generation water, storage and distribution—everything you need to ensure a reliable, cost-effective, supply of high-purity water.

EPV systems are very easy to configure, and a variety of system configurations and flows can be arranged for specific client applications. Simply select from one of our process flow schemes, choose the preferred options including piping materials, and you are on your way to selecting the EPV system that will best meet your needs.

### EPV SYSTEM FEATURES

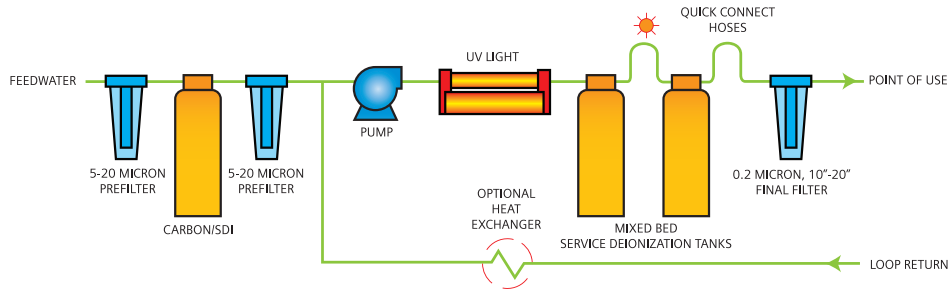
- Meets or exceed water quality requirements for USP Purified Water, ASTM Type I, and CLRW
- Comprehensive GAMP compliant validation documentation package and protocols including detailed engineering/design documents and certifications
- Carbon steel powder coated frames
- UL listed, Seismic Zone 4 compliant, and OSHPD certified option
- Multiple configurations (including hot water Sanitizable)
- Assortment of piping material options, including PVC, PP and SST
- Variety of generation and distribution capabilities
- Wet FAT performed on all systems for ease of installation and fast start-up

### EPV SYSTEM BENEFITS

- Reliable, economical, validated high purity water system
- Fast and easy installation with pre-manufactured skid mounted system
- Flexible configuration and flow options to meet application needs
- On-site validation assistance available
- Unsurpassed local service support with industry expertise

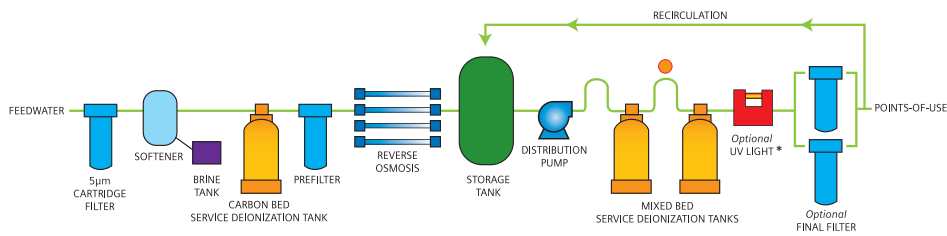
# Process Flow Diagrams

## SERVICE DEIONIZATION



Flows available at points of use: 0.1–30 gpm (0.3–113 lpm)

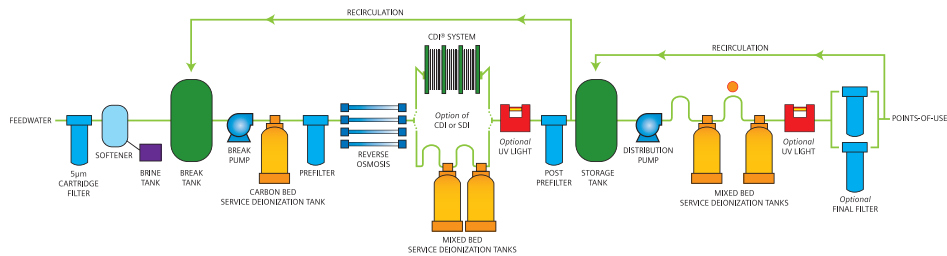
## NON-RECIRCULATING



Flows available at points of use: 0.1–50 gpm (0.3–189 lpm)

\*UV may be positioned upstream of DI in certain applications.

## CONTINUOUS RECIRCULATING



Flows available at points of use: 0.1–50 gpm (0.3–189 lpm)

Storage Tank Capacity: 100–1000 gallons



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