

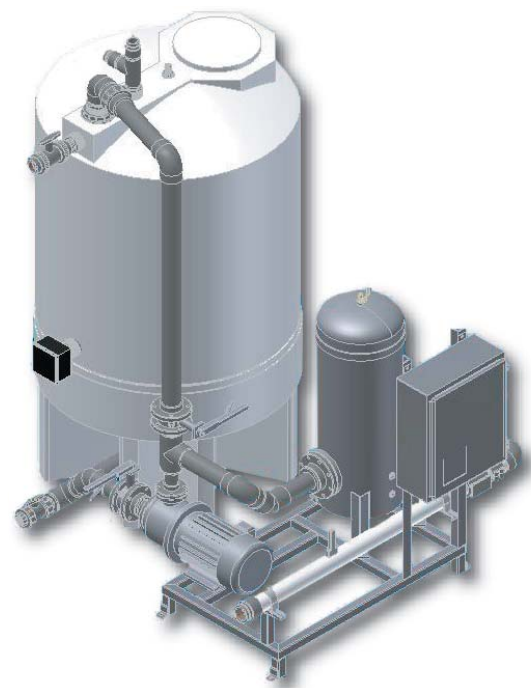
UAT™

Clean-in-Place (CIP) Systems for Reverse Osmosis Membrane Filtration Systems

Severn Trent Services offers the UAT™ Clean-in-Place (CIP) pre-engineered systems for use with UAT standard tap, brackish and seawater reverse osmosis (RO) systems.

Application

UAT CIP systems use high quality components and are skid-mounted for easy on-site cleaning of membrane systems. The cleaning solution is prepared in the tank and is recirculated through the RO system to remove foulants, scale, and more from the membranes. The CIP system flow range can accommodate up to 6 vessels in parallel.



Standard Features:

- Design flow: 40 gpm per vessel 8" diameter membrane housing
- 304SS centrifugal pump
- polyethylene tanks
- Recirculation valve for mixing
- Tank drain valve
- Cartridge filtration
- Piping is PVC SCH 80
- NEMA 12 electrical enclosure with manual control
- Motor is TEFC



Model Number	Number of Vessels	Pump Flow (gpm)	Tank Size (g/L)	Dimensions (LxWxH)	Pump Motor HP	Inlet Pipe Size (inches)	Product Pipe Size (inches)	Approximate Shipping Weight (lbs)
UAT-CIP-01	1	40	120/454	40x80x30	5	1.5	1.0	650
UAT-CIP-02	2	80	220/832	42x84x42	7.5	2.0	2.0	750
UAT-CIP-03	3	120	500/1892	48x96x76	10	2.0	2.0	850
UAT-CIP-04	4	160	500/1892	48x96x76	15	3.0	3.0	1000
UAT-CIP-05	5	200	700/2649	66x132x62	15	4.0	3.0	1100
UAT-CIP-06	6	240	700/2649	66x132x62	15	4.0	3.0	1200

(Product specifications are subject to change without notice.)

Ordering Guide

UAT-CIP-

Model Numbers

01
02
03
04
05
06
Reference table above

Voltage

3 - 230V/3 ph/60 Hz
5 - 380V/3 ph/50 Hz
6 - 460V/3 ph/60 Hz

Optional Accessories

0 - Not needed
1 - pH monitor
2 - Heater and accessories
3 - pH monitor and heater

Notes:

1. Pump and cartridge filter mounted on a common skid. Tank is loose on floor, next to the skid.
2. Flow is based on 40 gpm per 8" diameter housing.
3. Discharge pressure is 65 psi (4.5 bar)
4. Model UAT-CIP-01 & UAT-CIP-02 have multiple pvc cartridge filter housing.
5. Model UAT-CIP-03 or higher have 304 stainless steel cartridge filter housing.
6. Junction box with disconnect switch, on/off indicator, mounted on skid.

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