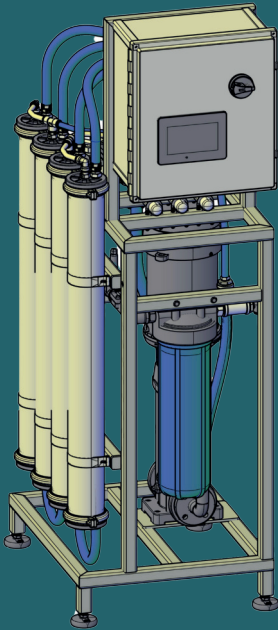




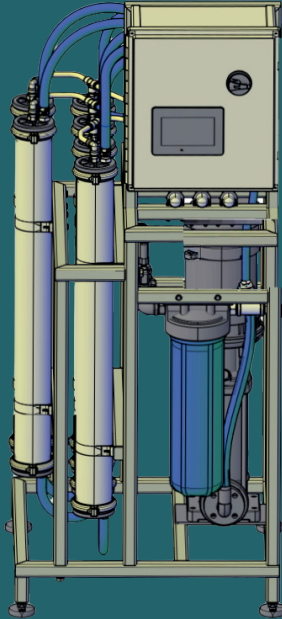
It's time to boost your RO, whether it's a new build or retrofit, we have a model for you!

Trident Wash Systems introduces three RO System models

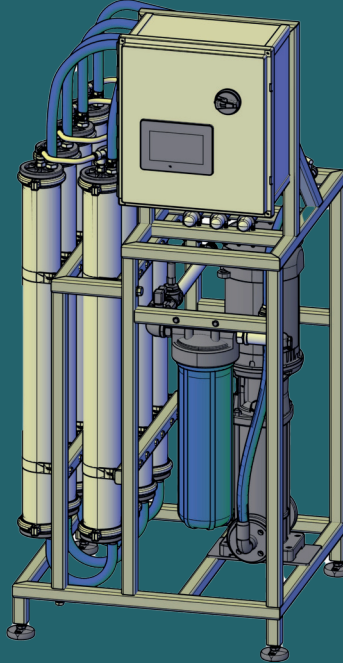
TWS RO SYSTEMS



TWS04-10K



TWS06-15K



TWS08-20K

3HP Multi-Stage Pump

Stainless Steel Construction

Stainless Steel Impeller

Heavy Duty Motor

Controls

7" Graphical Touch Screen

Variable Speed Pump

Controller

Access & Monitoring

optimized to conserve water

Operational Information

- City & Pump Pressures
Pump & Reject Flow
- Reject Flow Rate
- Permeate Flow Rate
- Water Consumption
(Filtered and Reject)
- TDS In & TDS Out (PPM)
- Water Temperature (F)

Membranes and Housing

- Stainless Steel Housing
- Flow Path Monitoring to
optimize life of membranes
- Optimized Flow Path to reduce
back pressure and increase
efficiency
- LP Connections are all push to
connect to simplify access for
membrane replacement

Efficiency

- VFD controlled pressure to
minimize adjustment errors
and simplify set-up
- Monitoring of Permeate and
Reject flow to help identify
inefficiencies in water
consumption
- To improve quality and
efficiency, the system controls
when and how often water is
produced

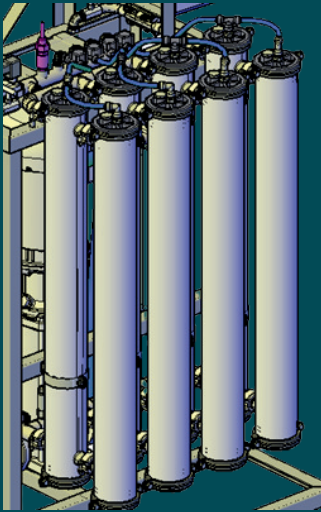


The specs

Trident Wash Systems - Reverse Osmosis Systems							
Part Number	Membranes	Pump (HP)	Carbon Filter Capacity (CuIn)	Feed Water (GPM)	Product Flow Rate (GPM)	Underflow Water	Dimensions
TWS-RO-10K	4	3	2.5	9.6	6.7	2.9	24" w x 36" d x 73" t
TWS-RO-15K	6	3	5	14.3	10	4.3	30" w x 36" d x 73" t
TWS-RO-20K	8	3	6	12.5	9.4	3	30" w x 36" d x 73" t

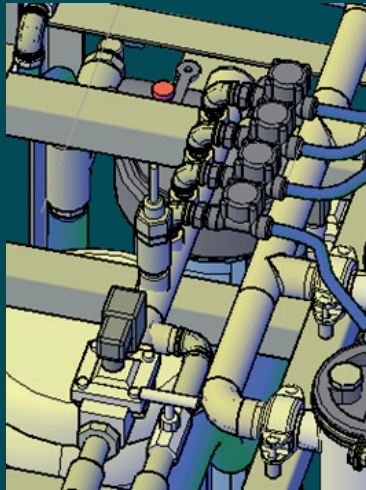
Trident Wash Systems - Carbon Filters					
Part Number	Carbon (CuFt)	Gravel (lbs)	Connections (In)	Flow Rate	Dimensions
TWS-CF-2.5	2.5	50	1	13.5	13" x 54"
TWS-CF-5	5	75	1 1/4	20	16" x 65"
TWS-CF-6	6	100	1 1/2	25	21" x 62"

Series - Parallel Configuration



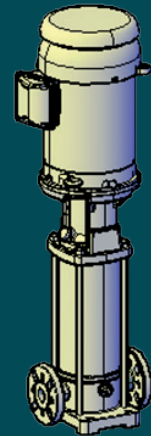
Optimizes flow paths across all membranes simultaneously to help extend life of membranes

Permeate Flow Monitoring



Flow Meters monitor Permeate and Reject flow while totalizing gallons processed through Membranes

Industrial Pump-Motor



- Stainless steel construction
- Stainless steel impellers
- 3HP High efficiency motor
- Flanged connections to hard plumbing

Ready for Something New in RO? Contact sales at 704-940-3707
12004 Carolina Logistics Drive, Pineville, NC 28134

