

PROPAK* NA Series

Integrated UF RO Platforms 100-200-300 gpm (60 Hz)

An integrated solution for simplicity, performance & reliability

With 50+ years of experience in design, installation, operation and maintenance of membrane water treatment systems, GE brought together two of its quality and reliable systems – ultrafiltration (UF) and reverse osmosis (RO). With versatile configurations and compatible monitoring capabilities, this integrated solution reduces capital, installation and operating expenses while providing quality product water, even with variable raw water quality.

Product Description & Use

The GE PROPAK 100, 200 and 300 gpm systems use ZeeWeed* 1500 pressurized UF modules and PRO Series RO to provide high quality product water. A unique system feature of the PROPAK is that it uses one tank for CIP, break, and back-pulse functions vs. three tanks in a traditional UF/RO configuration.

Reliability/Quality

- Reliable RO operation and increased system uptime even with highly variable raw water quality.
- Single-source supplier providing enhanced system reliability, faster delivery, expert service and technical support.
- Higher quality RO feedwater to:
 - Reduce unexpected shutdowns
 - Provide consistent product water quality
 - Reduce cleaning and membrane replacement frequency caused by fouling

Ease of Operation

Single PLC and HMI providing one central interface with the system.



Smaller Footprint

- Integrated UF RO system for 35% smaller footprint compared to separate UF and RO skids, reducing Capital expenditures.
- Combined CIP/ Back-pulse / Break Tank to reduce capital expenditure, system complexity, and footprint.

Installation Simplicity

- Pre-configured pretreatment, pumps, tank, piping, and electrical systems greatly reduce technical skill and time required for installing further reducing costs.
- Flexible and configurable CIP / Back-pulse / Break Tank skid arrangements to reduce installation costs.

Monitoring Capability

- Ethernet connection provides advanced system connectivity to cost-effectively integrate your plant-wide control system and provide a direct link to real-time production information.
- Internet connectivity allows remote monitoring, after-hours diagnostics and troubleshooting.



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