



PROflex*

Reverse Osmosis Systems



Why PROflex?

GE has delivered over 1000 PRO Series Reverse Osmosis (RO) systems since it launch over a decade ago. The PRO has always been known as a rugged, industrial RO, capable of delivering consistent product water over years of operation. The PROflex line originated in feedback from our many customers on how to make the PRO even better.

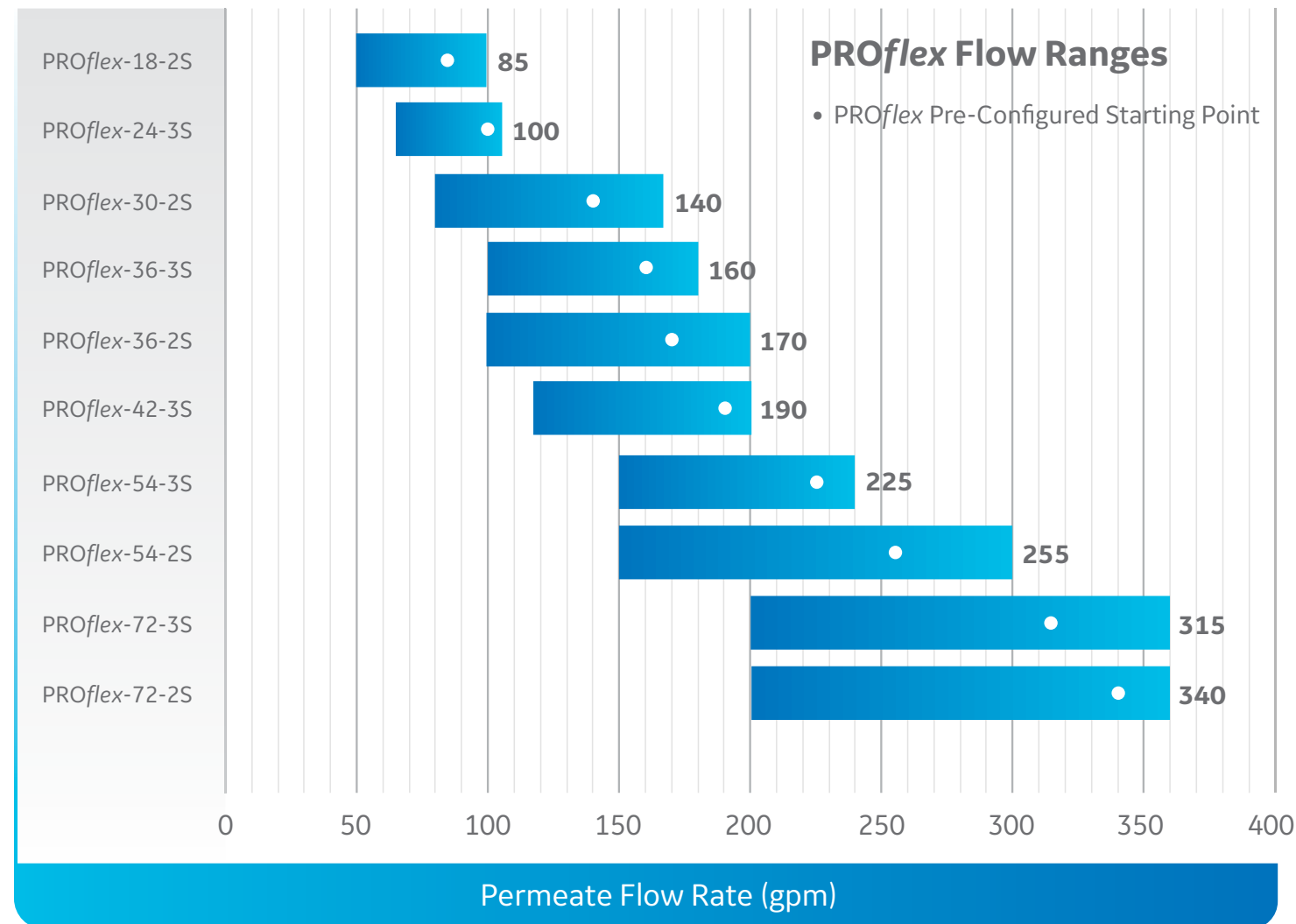
The new PROflex is our most flexible and price competitive RO system yet. It is configurable using our new online Product Configurator. It allows you to select exactly the flow rate your application requires from a range of PROflex ROs that fit the application. Additionally, the most frequently requested modifications over the past years are all available now as pre-priced options. We have minimized the overall footprint to take up less space in your facility, and we have moved key components to the front of the RO to make them more accessible.

We are excited about this new, flexible and price competitive RO and encourage you to read on for further details.

PROflex – True flexibility to design a system you want

PROflex offers the flexibility to choose a system that will allow you to choose an aggressive or conservative design to meet the capital requirements of your specific situation. PROflex allows complete choice on arrays, number of elements, and pump sizes within each array. The figure below shows the PROflex product line and the flow ranges for each array.

PROflex Flow Ranges



Up to 30% price reduction and greater than 35% footprint reduction compared to PRO.

Three examples to show flexibility and lower price. PROflex footprint is smaller than the PRO200, PRO300 and PRO450 models. Use the configurator tool to calculate savings for your situation.

20% Less

Example 1: 150 gpm	PRO Series: PRO-150	PROflex: PROflex-30
Price	\$135,320	\$108,140
Price per gpm	\$902/gpm	\$721/gpm
Flux	17 gdf	18 gdf
Footprint	89 ft ²	96 ft ²

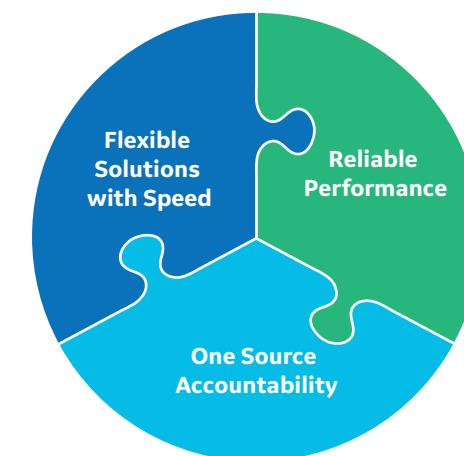
23% Less

Example 2: 220 gpm	PRO Series: PRO-300	PROflex: PROflex-54
Price	\$194,060	\$149,570
Price per gpm	\$882/gpm	\$680/gpm
Flux	12 gdf	15 gdf
Footprint	152 ft ²	96 ft ²

30% Less

Example 3: 360 gpm	PRO Series: PRO-450	PROflex: PROflex-72
Price	\$266,780	\$186,660
Price per gpm	\$741/gpm	\$519/gpm
Flux	13 gdf	18 gdf
Footprint	155 ft ²	96 ft ²

Water & Process Technologies Advantage



- | | | |
|---|---|---|
| <p>Flexible Solutions with Speed</p> <ul style="list-style-type: none"> • Quick delivery • 100% Complete documentation • Configurable options • Worldwide manufacturing on four major continents | <p>Reliable Performance</p> <ul style="list-style-type: none"> • One of the world's largest providers of membranes and membrane systems • World-class designs • Thousands of BW/SW RO installations | <p>One Source</p> <ul style="list-style-type: none"> • Systems integration • Vertical technology integration • Trusted performance • Technical expertise |
|---|---|---|

PROflex RO Features and Benefits:

One Source
Better protection and longer filter life with high flow Z-Plex* 1-micron prefilter

Flexible Design
Your choice:
• 2 or 3 Stage
• Number and type of elements
• Many different Tonkaflo* Pump sizes
• Many different PLC and instrument packages to choose from

Reliability
Factory tested integrated system control package. Allen Bradley or Siemens

One Source
Competitive performance and single source accountability with GE membranes

Reliability
80% Water recovery and lower mineral scale potential with 3-stage array

Speed
PROflex Series integrated into pre-engineered package for speed to market

Reliability
Reduced cleaning frequency and extended membrane life with feed or permeate flush

One Source
Reduced footprint and single source accountability with GE Tonkaflo Pump

Reliability
Reduced footprint and stronger assembly with fiberglass or 4-point housing in stainless steel

Reliability
UL/cUL compliant ISO 9001 Compliant Factory




PROflex: A platform that meets your needs

The PROflex can easily integrate with a range of pre-engineered pre and post treatment and supporting components like multi-media filters, carbon filters, water softeners, chemical feed systems, tanks, and pumps for the building blocks of a full-scale configurable water system. With decades of engineering and manufacturing experience worldwide, GE offers superior integration and optimization of RO system design.



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