

# R80U Series

## 8" Standard Pressure Vessel

### About ROPV

The ROPV technical team is composed of highly knowledgeable and capable team from the FRP Institute specializing in advanced polymer materials, with over 150 combined years of technical and industry experience in composite design and manufacturing.

The ROPV laboratory is an integrated physical and chemical laboratory equipped with advanced equipment to perform testing and analysis in the areas of:

- Finite Element Analysis
- Resin System Research
- Fatigue Test of Complex Material Compositions

Today ROPV is the largest pressure vessel manufacturer in China with headquarters in Harbin Heilongjiang Province, China; manufacturing facility in Dezhou, Shandong Province and global sales office in San Francisco, California, USA.

### OVERVIEW

The ROPV R80U series models accommodates any standard make of 8" UF membrane elements. Manufactured to very exacting specifications with only the highest quality materials for continuous use. Our pressure vessels operate within a temperature range of 14-150°F (-10-66°C). Individual units are hydro-tested prior to shipment to ensure only the highest quality and stable performance.



### APPLICATION

Our pressure vessels were developed for permeate and feed/concentrate with variable port options, connection types and sizes. They're fully customizable and are offered as OEM equipment for UF, EDI, Large Diameter Membranes and Emerging Water Treatment Technologies.

### FEATURES

- Easy installation and maintenance
- Constructed for best chemical compatibility and corrosion resistance
- Fully customizable and configured based on customer requirements
- Available pressure rating: 150 Psi

# Product Datasheet

Model R80UF

8" Standard Pressure Vessel

## R80U Series

Model	Design/ Operating Pressure	Max. Operating Temperature	Min. Operating Temperature	Qualification Pressure	Element Length
R8060U150S	150 Psi / 10 Bar	150°F / 66°C	14°F / -10°C	900 Psi / 60 Bar	60" X (1-4)

Please refer to the latest ROPV sales drawings for multi-port options.



ASME International



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