

# FLEXWAVE



## COMPOSITE R.O. PRESSURE TANKS

### MATERIALS OF CONSTRUCTION:

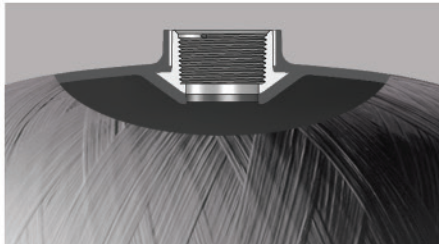
Outer shell: Continuous wound fiberglass & high temperature epoxy resin  
 Inner Shell: Seamless, spin welded construction  
 Connection: NPT male thread, rigid PVC  
 CAD2 Water Chamber: 100% butyl diaphragm, anti-microbial polypropylene lower chamber  
 Air Valve: Brass with rubber O-ring seal

### RATINGS AND CERTIFICATIONS:

Max working pressure—125psi / 8.62 bar  
 Max working temp—120 F / 48.9C  
 WQA-NSF/ANSI 61

Model	Total Tank Volume		Height		Diameter		Connection Size	Weight		Drawdown 10 psi precharge 50 psi supply		Drawdown 10 psi precharge 60 psi supply	
	gal.	ltr.	in.	cm	in.	cm		lbs.	kgs.	gal.	ltr.	gal.	ltr.
<b>FWR015</b>	15	56.7	25.6	65.0	16.5	42.1	1" NPT	20	8.7	9.3	35.1	10.0	37.8
<b>FWR020</b>	22	83.2	34.0	86.4	16.5	42.1	1" NPT	26	11.4	13.6	51.4	14.7	55.6
<b>FWR040</b>	40	151.2	36.5	92.8	21.4	54.5	1-1/4" NPT	38	17.3	24.7	93.4	26.8	101.3
<b>FWR080</b>	80	302.4	51.8	132.0	24.2	61.7	1-1/4" NPT	65	28.0	49.5	187.1	53.6	202.6
<b>FWR0120</b>	119	450.0	72.1	183.1	24.2	61.7	1-1/4" NPT	80	36.3	73.6	278.2	79.6	301.0

20psi/1.38 bar precharge



### COMPOSITE TANKS:

- Seamless polypropylene liners eliminate top and bottom shell leak issues
- Stainless steel reinforcing rings back up all threaded openings
- Injection molded domes increase shape consistency and strength
- Continuous wound fiberglass, and high temperature epoxy resin external shell eliminate corrosion
- Precision molded, rigid PVC bottom fittings
- Composite base



### CAD-2 WATER CHAMBER:

- 25 years of exceptional performance under pressure
- Used in all pressurized captive air composite and steel tanks
- 100% butyl rubber diaphragm
- Cross-linked, anti-microbial polypropylene lower chamber
- Industry best sealing system, patented clinch ring, eliminates separation
- Adds zero taste or odor
- Virtually eliminates condensation
- Oversized to reduce wear for extended life with high volume storage



All Flexcon tanks are 100% pressure tested and carry a 5 year limited warranty.

