



FLEXWAVE



STEEL R.O. PRESSURE TANKS

MATERIALS OF CONSTRUCTION:

Outer shell: Cold rolled and drawn steel

Connection: 304 Stainless Steel

Water chamber: CAD-2, 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—140 F / 60C

WQA-NSF/ANSI 61 - WQA-NSF/ANSI 372

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.
SSR015	14	53	22.2	57.0	16.0	40.6	1" NPT	27	12.24	9.3	35.1	10.0	37.8
SSR020	20	76	29.3	74.4	16.0	40.6	1" NPT	40	18.14	12.4	46.9	13.4	50.6
SSR035	32	121	29.3	74.4	21.0	53.3	1-1/4" NPT	54	24.49	19.9	75.2	21.4	80.8
SSR040	44	166	37.5	95.2	21.0	53.3	1-1/4" NPT	65	29.48	27.3	103.1	29.5	111.5
SSR085	85	321	46.0	117.0	26.0	66.0	1-1/4" NPT	118	53.52	52.7	199.2	56.9	215.1
SSR0120	119	450	61.0	155.0	26.0	66.0	1-1/4" NPT	154	69.85	73.6	278.2	78.9	298.2

20psi/1.38 bar precharge



STEEL TANKS:

- Cold rolled steel is precision welded and tested to assure air tight construction
- Industry exclusive ALL stainless steel water connection; NPT female
- Epoxy primer with electrostatic polyurethane paint finish
- Brass air valve

DURABLE INJECTION MOLDED PLASTIC BASE:

- Ribbed for exceptional strength and durability
- Molded bolt holes for seismic and skid mount applications
- Eliminates corrosion

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 clench 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.



P.O.Box 782 / 300 Pond St. / Randolph, MA 02368 / 781.986.2424 / FAX: 781.986.2029



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COMPOSITE R.O. PRESSURE TANKS

MATERIALS OF CONSTRUCTION:

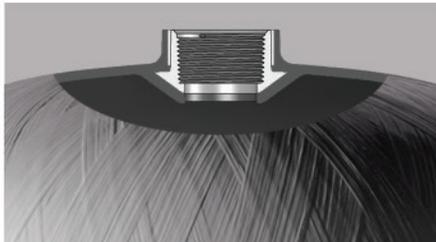
Outer shell: Continuous wound fiberglass & high temperature epoxy resin
 Inner Shell: Seamless, spin welded construction
 Connection: NPT male thread, rigid PVC
 CAD2 Water Chamber: 100% butyl diaphragm, anti-microbial polypropylene lower chamber
 Air Valve: Brass with rubber O-ring seal

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.
FWR015	15	56.7	25.6	65.0	16.5	42.1	1" NPT	20	8.7	9.3	35.1	10.0	37.8
FWR020	22	83.2	34.0	86.4	16.5	42.1	1" NPT	26	11.4	13.6	51.4	14.7	55.6
FWR040	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
FWR080	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
FWR0120	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.

