



COMPOSITE PRESSURE TANKS



PENTAIR® PRO-SOURCE® COMPOSITE FIBREWOUND PRESSURE TANKS

The First Choice for Clean and Dependable Fresh-Water Delivery

Designed and manufactured with capacities to match a wide range of fresh-water needs, Pro-Source Composite Tanks are the choice for lasting durability and quality. Tougher-than-steel composite construction includes an outer shell wrapped with more than three miles of continuous, overlapping fibers. Pro-Source Composite Tanks will not rust, corrode, dent or scratch, and require no painting or exterior maintenance. The Water Quality Association-approved air cell will not affect the natural purity of your water.

Industry Standard Air Stem Connection

Easy to check and add pressure as needed.

Rugged Outer Shell

Fiberglass-wound, sealed with epoxy resin and oven-cured.



Tested and Certified by the Water Quality Association to NSF / ANSI Std. 61 Section 8 Material Safety Only.

Exclusive, Replaceable Seamless Air Cell

Seamless, durable PEU air cell is fully replaceable and constructed of heavy-gauge engineered polymer. Meets Water Quality Association standards.



Designed for Easy Installation

Extra clearance for pipes and wrenches saves time during installation. Entire unit weighs 50% less than same-size steel tanks for one-person installation.

One-piece Molded Inner Liner

High-density polyethylene delivers added strength and blocks UV rays.

Drain Screen

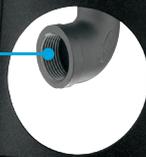
Field-proven, unobtrusive design is flush mounted to the bottom dome of the tank.

Fully-Threaded Service Connection and Drain Assembly

Includes 300-grade stainless steel connection; heavy-duty drain assembly helps resist damage during installation and service.

Industry-Standard, Low-Profile Base Height

No repiping needed for most replacement applications; resists corrosion; rotates 360° for easy installation and service.

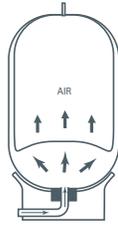


PRO-SOURCE FIBREWOUND PRESSURE TANKS

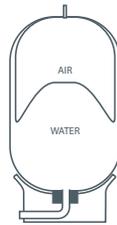
PERFORMANCE CYCLE



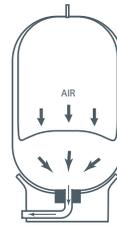
Pro-Source Composite tank is nearly empty; air cell is fully expanded.



Water is pumped into tank; air in air cell is compressed.



Pump-up cycle is complete; air is now compressed to "cut-off" setting of pressure switch.



Water is drawn from tank; pressure in air cell provides water, as needed, until tank is empty and cycle repeats.



SPECIFICATIONS

Catalog Number	Tank Capacity Gal/L	Tank Diameter In/cm	Tank Height In/cm	System Connection	Water Yield Per Pump Cycle Pressure Switch Setting		
					20-40 Gal/L	30-50 Gal/L	40-60 Gal/L
PSC-14-4-02	14.5 / 55	16 / 41	26.8 / 68.1	1* FNPT	4.9 / 18.7	4.4 / 16.5	3.8 / 14.3
PSC-20-6-02	19.8 / 75	16 / 41	32.7 / 83.1	1* FNPT	6.7 / 25.5	5.9 / 22.5	5.1 / 19.5
PSC-30-9-02	29.5 / 112	16 / 41	44.7 / 113.5	1* FNPT	10.0 / 38.1	8.9 / 33.5	7.7 / 29.1
PSC-40-12-02	40.3 / 153	16 / 41	57.4 / 145.8	1* FNPT	13.7 / 52.0	12.1 / 45.8	10.5 / 39.8
PSC-48-14-02	47.1 / 178	21 / 53	42.1 / 106.9	1-1/4*FNPT	16.0 / 60.5	14.1 / 53.5	12.2 / 46.3
PSC-60-20-02	60 / 227	24 / 61	42.3 / 107.4	1-1/4*FNPT	20.4 / 77.2	18.0 / 68.1	15.6 / 59.0
PSC-80-23-02	79.6 / 301	21 / 53	62.8 / 159.5	1-1/4*FNPT	27.1 / 102.3	23.8 / 90.4	20.7 / 78.3
PSC-85-25-02	86.7 / 328	24 / 61	56.1 / 142.5	1-1/4*FNPT	29.5 / 111.5	26.0 / 98.5	22.5 / 85.3
PSC-119-35-02	119.7 / 453	24 / 61	75.1 / 190.8	1-1/4*FNPT	40.7 / 154	35.9 / 135.9	31.1 / 117.8

Maximum Operating Pressure = 125 PSI, PSC - 80-23 has a maximum operations pressure of 100 PSI.
 Maximum Internal Water Temperature: 120°F (49°C). Maximum Ambient Air Temperature: 120°F (49°C).
 Distance from base to center line of connection is 2-1/4" (5.7 cm)*.
 Allow 12" (30.5 cm) for service clearance.

*1-3/4" (4.4 cm) for 16" diameter tanks

FCT SERIES CONTACT TANKS

IMPERVIOUS TO CHEMICALS FOUND IN AGGRESSIVE WATER

Inlet / outlet PVC side connections allow for straight T-connection on bottom of tank for easy piping.



SPECIFICATIONS – FCT PERFORMANCE DATA

Model Number	Maximum Capacity Gal/L	Maximum Operating Pressure PSI / kPa / Bar	Diameter* In/cm	Overall Height* In/cm	Height* Inlet / Outlet to Floor In/cm	Top System Connection	Bottom System Connection	Assembly Weight Lbs. / kg
FCT-40	40 / 151	75 / 500 / 5.0	16 / 41	56.5 / 144	1.5 / 3.8	1-1/4" Socket	1-1/4" Socket	28 / 12.7
FCT-80	80 / 303	75 / 500 / 5.0	21 / 53	62 / 157	2 / 5.1	1-1/4" Socket	1-1/4" Socket	43 / 19.5
FCT-120	120 / 454	75 / 500 / 5.0	24 / 61	72.5 / 184	2 / 5.1	1-1/4" Socket	1-1/4" Socket	63 / 28.6

*Subject to change without notice. Maximum external operating temperature 120°F (49°C).
Maximum internal operating temperature 100°F (38°C). Minimum operating temperature 40°F (4°C).

SP-SERIES SIDEPORT CONTACT TANKS

SUPERIOR DESIGN, COMPOSITE CONSTRUCTION

Constructed of all NSF / FDA listed materials, these SidePort fibrewound tanks contain no harmful traces of metal that could pass into your water.

Environmentally safe and 100% lead-free. 10% More drawdown efficiency than similar-sized conventional tanks.

Additional urethane coating for years of added protection.



SPECIFICATIONS

Model Number	Maximum Capacity Gal/L	Drawdown 30-50 Setting Gal/L	Diameter* In/cm	Overall Height* In/cm	Height* Inlet / Outlet to Floor In/cm	Height* SidePort to Floor In/cm	Unit Ship Weight Lbs. / kg
SP-7	30 / 114	7 / 26	16 / 41	43.75 / 111	1.5 / 3.8	14 / 35.6	26 / 11.8
SP-9	40 / 151	9 / 34	16 / 41	56.5 / 144	1.5 / 3.8	15.5 / 39.4	35 / 15.9
SP-9SQ	47 / 178	9 / 34	21 / 53	41.25 / 105	2 / 5.1	16.9 / 42.9	48 / 21.8
SP-18	80 / 303	18 / 67	21 / 53	62 / 157	2 / 5.1	18.3 / 46.5	67 / 30.5
SP-26	120 / 454	26 / 98	24 / 61	72.5 / 184	2 / 5.1	20.2 / 51.3	97 / 44.1

*Subject to change without notice. Maximum Operating Pressure = 100 PSI.
1-1/4" System connections sidewall. Customer-supplied air control valve. Bottom, dual port 1-1/4" PVC.

ANSI / NSF 61.
Drinking Water System Components



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