



PRO-SOURCE[®] COMPOSITE PRESSURE TANKS

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.

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

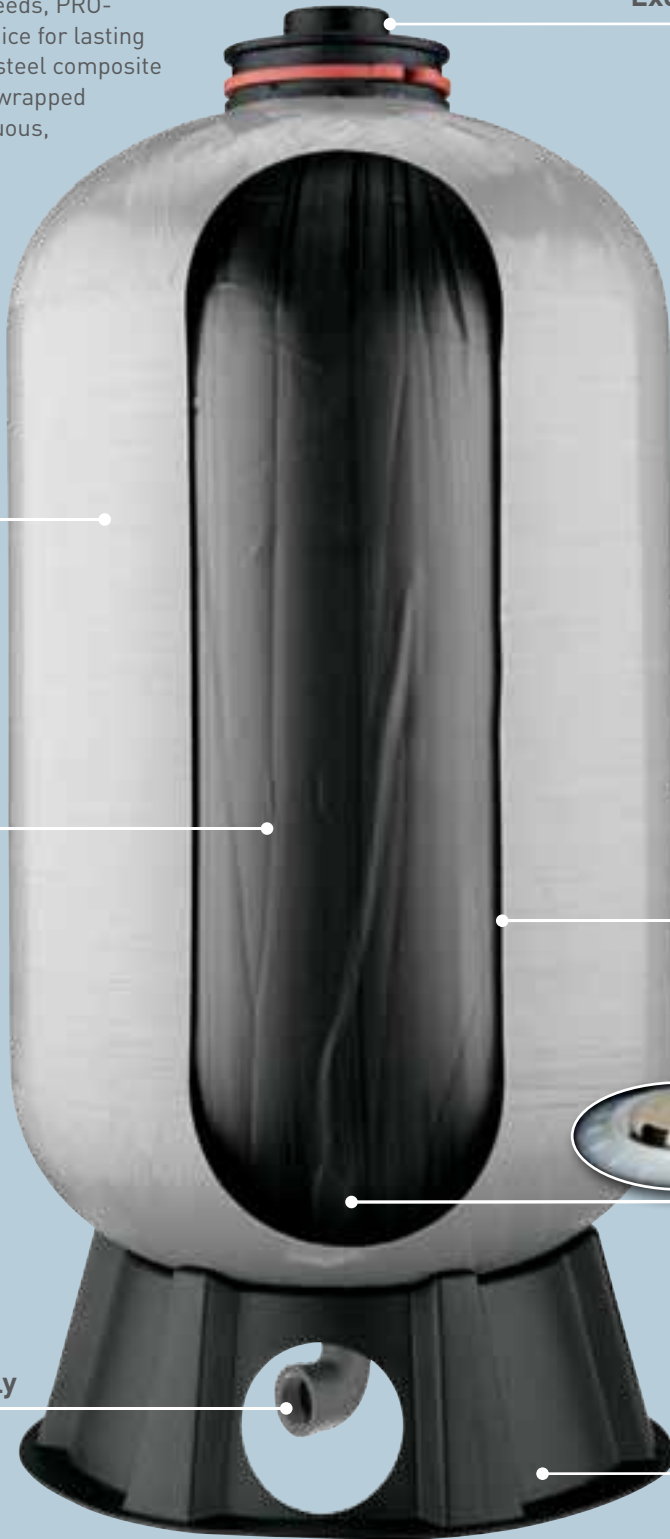
Seamless, durable PEU air cell is fully replaceable and constructed of heavy-gauge engineered polymer. Meets Water Quality Association standards.



NEW

Fully-threaded service connection and drain assembly

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



Exclusive top-mount access

Quick-connect inlet assembly allows for easy servicing.



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.



NEW

Drain screen

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

NEW

Industry-standard, low-profile base height

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

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./Liter	Tank Diameter Inch / cm	Tank Height Inch / cm	Discharge Tapping Inch / cm	Water Yield Per Pump Cycle Pressure Switch Setting		
					20-40 Gal./Liter	30-50 Gal./Liter	40-60 Gal./Liter
PSC-14-4	14.5 / 55	16 / 41	28.2 / 71.6	1 / 2.5	4.9 / 18.7	4.4 / 16.5	3.8 / 14.3
PSC-20-6	19.8 / 75	16 / 41	34.1 / 86.6	1 / 2.5	6.7 / 25.5	5.9 / 22.5	5.1 / 19.5
PSC-30-9	29.5 / 112	16 / 41	46.3 / 117.6	1 / 2.5	10.0 / 38.1	8.9 / 33.5	7.7 / 29.1
PSC-40-12	40.3 / 153	16 / 41	59.0 / 149.9	1 / 2.5	13.7 / 52.0	12.1 / 45.8	10.5 / 39.8
PSC-48-14	47.1 / 178	24 / 61	44.4 / 112.8	1.25 / 3.1	16.0 / 60.5	14.1 / 53.5	12.2 / 46.3
PSC-60-20	60 / 227	21 / 53	65.5 / 166.4	1.25 / 3.1	20.4 / 77.2	18.0 / 68.1	15.6 / 59.0
PSC-80-23	70.6 / 301	21 / 53	43.6 / 110.7	1.25 / 3.1	27.1 / 102.3	23.8 / 90.4	20.7 / 78.3
PSC-85-25	86.7 / 328	24 / 61	57.2 / 145.3	1.25 / 3.1	29.5 / 111.5	26.0 / 98.5	22.5 / 85.3
PSC-119-35	119.7 / 453	24 / 61	75.4 / 191.5	1.25 / 3.1	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. / Liter	Maximum Operating Pressure PSI / kPa / Bar	Diameter* Inch / cm	Overall Height* Inch / cm	Height* Inlet / Outlet to Floor Inch / 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

Catalog Number	Maximum Capacity Gal. / Liter	Drawdown 30-50 Setting Gallons / Liters	Diameter* Inch / cm	Overall Height* Inch / cm	Height* Inlet / Outlet to Floor Inch / cm	Height* SidePort to Floor Inch / 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
SP-35	205 / 776	35 / 132	36 / 91	73 / 185	7 / 17.8	31.5 / 80.0	290 / 131.8
SP-50	264 / 999	50 / 189	36 / 91	82 / 208	7 / 17.8	31.5 / 80.0	300 / 136.4

*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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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.