

PRO-SOURCE™ Pressure Tanks

LASTING DURABILITY AND VALUE

- Composite Pressure Tanks with Butyl Air Cell
 - Steel Pressure Tanks
- Composite Air-Over-Water and Contact Tanks



COMPOSITE AND STEEL PRESSURE TANKS

NEW!

PRO-SOURCE™ Composite PRESSURE TANKS

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 BUTYL AIR CELL

Heavy-gauge butyl
material lasts longer
and meets Water Quality
Association standards

ONE-PIECE MOLDED INNER LINER

High-density polyethylene
delivers added strength
and blocks UV energy



300-GRADE, STAINLESS STEEL SERVICE CONNECTION

100% corrosion-resistant
for extra-long life



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 value.

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 WQA-approved air cell
is resistant to chlorine and
will not affect the natural
purity of your water.



EXCLUSIVE TOP-MOUNT ACCESS

Quick-connect
inlet assembly allows
for easy servicing
without removing tank



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.

ROTATABLE BASE WITH QUICK-CONNECT

Resists corrosion;
rotates 360° for easy
installation and service

COMPOSITE FIBREWOUND PRESSURE TANKS



PRO-SOURCE COMPOSITE 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

PRO-Source Number	Tank Capacity Gal. / Liter	Tank Diameter ^o Inch / cm	Tank Height ^o Inch / cm	Discharge Tapping Inch / cm	Water Yield Per Pump Cycle 20-40 Gal. / Liter	Pump Cycle Pressure 30-50 Gal. / Liter	Switch Setting 40-60 Gal. / Liter
PSC-14-4	14 / 52.9	16 / 41	31.3 / 79.5	1 / 2.5	5.3 / 20.6	4.5 / 17.0	3.9 / 14.7
PSC-20-6	20 / 75.7	16 / 41	36.3 / 92.2	1 / 2.5	7.2 / 27.2	6.1 / 23.0	5.3 / 20.0
PSC-30-9	30 / 113.5	16 / 41	48.3 / 122.7	1 / 2.5	10.8 / 40.8	9.1 / 34.4	7.9 / 29.9
PSC-35-10	35 / 132.4	21 / 53	37 / 93.9	1 / 2.5	12.8 / 48.4	10.8 / 40.8	9.4 / 35.5
PSC-40-12	40 / 151.4	16 / 41	61.3 / 155.7	1 / 2.5	14.7 / 55.6	12.5 / 47.3	10.8 / 40.8
PSC-48-14	48 / 181.6	21 / 53	44 / 111.7	1 / 2.5	17.2 / 65.1	14.6 / 55.2	12.6 / 47.6
PSC-60-20	60 / 227.1	24 / 61	46.5 / 118.2	1.25 / 3.1	21.9 / 82.9	18.5 / 70.0	16.1 / 60.9
PSC-80-23	80 / 302.8	21 / 53	66 / 167.6	1 / 2.5	29.1 / 110.1	24.6 / 93.1	21.3 / 80.6
PSC-85-25	85 / 321.7	24 / 61	58.5 / 148.7	1.25 / 3.1	31.7 / 119.9	26.8 / 101.4	23.2 / 87.8
PSC-119-35	119 / 450.4	24 / 61	78.5 / 199.5	1.25 / 3.1	43.8 / 165.8	37.0 / 140.0	32.0 / 121.1

*Subject to change without notice. Maximum Operating Pressure = 125 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" (5.0 cm). Allow 12" (30.5 cm)

PRO-SOURCE PLUSTM

Pressure Tank

THE FIRST CHOICE FOR CLEAN AND DEPENDABLE DRINKING WATER

PRO-SourcePLUSTM steel pressure tanks are designed and manufactured for lasting durability and value.

With capabilities to match a wide range of needs, PRO-SourcePLUS tanks are the ones to count on first, to last. The U.S. leader in the design and manufacture of well pumps and tanks, Pentair Water backs its PRO-SourcePLUS tanks with a five-year warranty.

100% LEAK TESTED

To assure quality and long-lasting performance

HEAVY-GAUGE STEEL TANK CONSTRUCTION

Preferred by professionals for strength and durability

SEAMLESS, ONE-PIECE WATER CELL

Provides controlled, two-dimensional expansion for longer life. Compatible with chlorinated and reverse osmosis-treated water. Resistant to the effects of iron bacteria

ELECTROSTATICALLY-APPLIED POLYESTER PAINT

Gives an appliance-quality finish that resists nicks and corrosion

TESTED-TOUGH COMPOSITE BASE

For corrosion and impact resistance



METAL AIR VALVE ASSEMBLY

Field serviceable for convenient maintenance



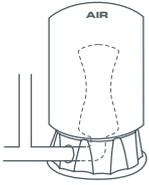
STAINLESS STEEL SERVICE CONNECTION

The professional's choice for corrosion resistance

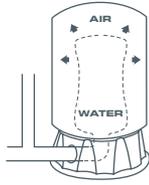


PREMIUM STEEL PRESSURE TANKS

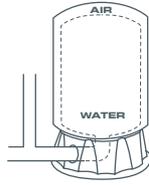
PRESSURIZED WATER SYSTEM PERFORMANCE CYCLE



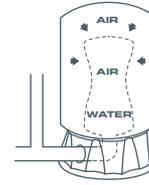
Water cell is empty - air in tank is fully expanded



Water is pumped into tank - air is compressed around the water cell



Water is pumped into tank - air is compressed around the water cell



Water is drawn from tank - air pressure around water cell provides water, as needed, until cell is empty and cycle repeats



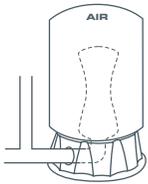
SPECIFICATIONS

Catalog Number	Maximum Capacity Gal. / Liter	Diameter ^o Inch / cm	Height ^o Inch / cm	Connection Size Female	Drawdown in Gal. / Liter	Weight Lbs. / kg	Maximum Operating PSI
PSP19S-T02	19 / 72	20 / 51	21 / 53.3	1" NPT	5.8 / 21.9	49 / 22.2	100
PSP19T-T02	19 / 72	16 / 40.6	27.5 / 70	1" NPT	5.8 / 21.9	44 / 20	100
PSP32-T03	32 / 121	16 / 40.6	43 / 109	1" NPT	9.8 / 37.1	60 / 27.2	100
PSP35-T05	35 / 133	20 / 51	33 / 84	1" NPT	10.7 / 40.5	70 / 31.8	100
PSP50-T50	50 / 189	24 / 61	32.5 / 83	1-1/4" NPT	15.5 / 58.7	88 / 39.9	125
PSP62-T51	62 / 235	24 / 61	39.5 / 100	1-1/4" NPT	18.3 / 69.3	116 / 52.6	125
PSP85-T52	85 / 322	24 / 61	51 / 130	1-1/4" NPT	26 / 98.4	128 / 58.1	125
PSP119-TR50	119 / 452	24 / 61	68 / 173	1-1/4" NPT	35.4 / 134	140 / 63.5	125

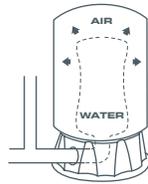
*Subject to change without notice.

Maximum Liquid Temperature: 120°F (49°C) • Maximum External (Ambient) Temperature: 125°F (52°C)

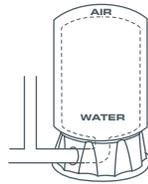
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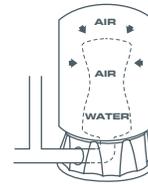
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FIVE-YEAR WARRANTY

From the U.S. leader in the design and manufacture of well pumps and tanks



HEAVY-GAUGE STEEL and rugged "welded wrapper and head design" for lasting durability

ELECTROSTATICALLY-APPLIED POLYESTER PAINT gives an appliance-quality finish that resists nicks and corrosion

SEAMLESS, ONE-PIECE WATER CELL provides controlled, two-dimensional expansion for longer life; chlorine and iron bacteria resistant - keeps water away from metal

ONE-PIECE COMPOSITE service connection - water never touches metal

100% LEAK TESTED with helium before shipment, to assure quality and long-lasting performance



SPECIFICATIONS

VERTICAL MODELS · HORIZONTAL MODELS

Model Number	Maximum Capacity Gal. / Liter	Diameter ^o Inch / cm	Height ^o Inch / cm	Length Inch / cm	Precharge PSI / kPa	Connection Size Female	Drawdown in Gallons / Liters			Weight Lbs. / kg
							20-40	30-50	40-60	
PS2-S01	2.0 / 7.6	8.4 / 21.3	12.6 / 32	-	20 / 137.8	3/4" NPT	0.7 / 2.65	0.6 / 2.2	NA	12.6 / 5.7
PS5-S02	5 / 18.9	10.6 / 26.9	16.2 / 41.1	-	30 / 206.8	3/4" NPT	2.2 / 8.33	1.8 / 6.8	1.8 / 6.8	16.2 / 7.3
PS19S-T02	19 / 72	20 / 51	21 / 53.3	-	40 / 276	1" NPT	6.9 / 26.1	5.8 / 21.9	5.0 / 18.9	45 / 20.4
PS19T-T02	19 / 72	16 / 40.6	27.5 / 70	-	40 / 276	1" NPT	6.9 / 26.1	5.8 / 21.9	5.0 / 18.9	40 / 18.1
PS32-T03	32 / 121	16 / 40.6	43 / 109	-	40 / 276	1" NPT	11.6 / 43.9	9.8 / 37.1	8.5 / 32.2	56 / 25.4
PS35-T05	35 / 133	20 / 51	33 / 84	-	40 / 276	1" NPT	12.7 / 48.1	10.7 / 40.5	9.3 / 35.2	66 / 29.9
PS50-T50	50 / 189	24 / 61	32.5 / 83	-	40 / 276	1-1/4" NPT	18.3 / 69.3	15.5 / 58.7	13.5 / 50.7	84 / 38.1
PS62-T51	62 / 235	24 / 61	39.5 / 100	-	40 / 276	1-1/4" NPT	21.4 / 81	18.3 / 69.3	16 / 60.6	112 / 50.8
PS85-T52	85 / 322	24 / 61	51 / 130	-	40 / 276	1-1/4" NPT	30 / 113.6	26 / 98.4	22 / 83.3	124 / 56.2
PS119-TR50	119 / 450	24 / 61	68 / 173	-	40 / 276	1-1/4" NPT	41.3 / 156.3	35.4 / 134	31 / 117.3	140 / 63.5
PS6H-S05	6.0 / 22.7	12 / 30.5	13.8 / 35	16 / 40.6	40 / 276	3/4" NPT	2.2 / 8.3	1.8 / 6.8	1.6 / 6.0	22 / 10
PS19H-S00	19 / 72	16 / 40.6	17.5 / 44.5	28 / 71.1	40 / 276	1" NPT	6.9 / 26.1	5.8 / 21.9	5 / 18.9	40 / 18

*Subject to change without notice. Maximum Operating Pressure = 100 PSI
Maximum Liquid Temperature: 120°F (49°C)
Maximum External (Ambient) Temperature: 125°F (52°C)



Pro-Source™ Composite

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 ^o Inch / cm	Overall Height ^o Inch / cm	Height ^o 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).

The 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 ^o Inch / cm	Overall Height ^o Inch / cm	Height ^o Inlet / Outlet to Floor Inch / cm	Height ^o 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-95G	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.

Pentair Water is a leader in providing products you can depend on for the water you need, when and where it's needed. Pentair Water is your assurance of superior quality and long-lasting dependability with the broadest line of professional water system products for residential applications.

- **Water Pumps**

4" submersible, shallow or deep well jets, centrifugal, and sprinklers

- **Pressure Tanks**

Composite and steel

- **Wastewater Products**

Sump, effluent and sewage



**Pentair
Water™**

293 Wright Street • Delavan, WI 53115 USA
Customer Service: 888.782.7483
Phone: 262.728.5551 • Fax: 800.426.9446
www.pumps.com

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UL Classified to ANSI / NSF 61,
Drinking Water System Components