



Fibrewound Tanks contact & sideport contact

FCT Series Contact Tanks



FCT-40

FCT-80

FCT-120

NSF/ANSI 61
Drinking Water

Built Tough... for Quality

Professional grade composite construction means longer lasting tanks that will not rust, corrode, dent or scratch.

Built Tough... for Durability

Each tank is wrapped with more than three miles of over-lapping, continuous fiberglass strands, sealed with high grade epoxy resin, then oven cured.

SP Series SidePort Contact Tanks



SP26

SP35

SP9

SP18

Built Tough... for Easy Installation

Composite construction is light-weight... as little as half the weight of steel tanks. Installation is faster, easier and can be handled by one person.

APPLICATIONS

- Residential Water Systems
- Industrial, Commercial and Agricultural

SPECIFICATIONS

Inner Liner – One-piece high-density polyethylene

Outer Shell – Fiberglass-wound and epoxy resin sealed

Upper and Lower Flanges – Reinforced polypropylene

Base – One-piece ABS

Service Connections – Reinforced polypropylene

FEATURES

Durable Composite

Construction – A rugged one-piece molded inner liner of premium high-density polyethylene. Miles of continuous overlapping fiberglass strands, sealed with oven-cured epoxy, make the outer shell impervious to rust, dents, and ultra-violet rays (no paint to scratch and touch-up).

Tank Base – Rigid ABS is the sturdiest composite base on the market. Corrosion and impact-resistant. Base rotates 360° for ease-of-service hook-up.

Composite Service Connection – Threaded for ease of installation.

ORDERING INFORMATION

FCT SERIES CONTACT TANKS

Catalog 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

Maximum external operating temperature 120°F (49°C).

Maximum internal operating temperature 100°F (38°C).

Minimum operating temperature 40°F (4°C).

Certified to ANSI/NSF 61, Drinking Water System Components.

PRO-Source™ is a trademark of Pentair Water. In order to provide the best products possible, specifications are subject to change.



Fibrewound Tanks contact & sideport contact

ORDERING INFORMATION


SP SERIES SIDEPORT CONTACT TANKS							
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

Maximum Operating Pressure = 100 PSI
 1-1/4" System connections sidewall. Customer-supplied air control valve. Bottom, dual port 1-1/4" PVC.

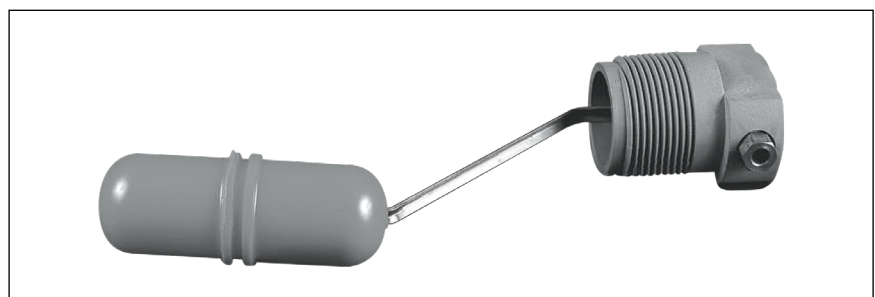
TANK SELECTION CHART

Pump GPM	System Pressure Switch Setting - PSI		
	20-40	30-50	40-60
	1 Minute Run Time		
5	FCT-40	FCT-40	FCT-40
7.5	FCT-80	FCT-80	FCT-80
10	FCT-80	FCT-80	FCT-80
15	FCT-120	FCT-120	FCT-120
20	FCT-120	FCT-120 and FW-40	FCT-120 and FW-40
30	FCT-120 and FCT-80	FCT-120 (2)	FCT-120 (2) and FCT-40
50	FCT-120 (3)	FCT-120 (3)	FCT-120 (4)

TANK SIZING RULE:



Size tank for one gallon of drawdown for each gallon per minute at pump capacity.



E238-2 Air Volume Control (not included)