



# Fibrewound Tanks

contact & sideport contact

**FCT Series Contact Tanks**



FCT-40

FCT-80

FCT-120

**SP Series SidePort Contact Tanks**



SP26

SP35

SP9

SP18



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.

**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.

In order to provide the best products possible, specifications are subject to change.

PRO-Source™ is a trademark of Pentair Water.



# 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.

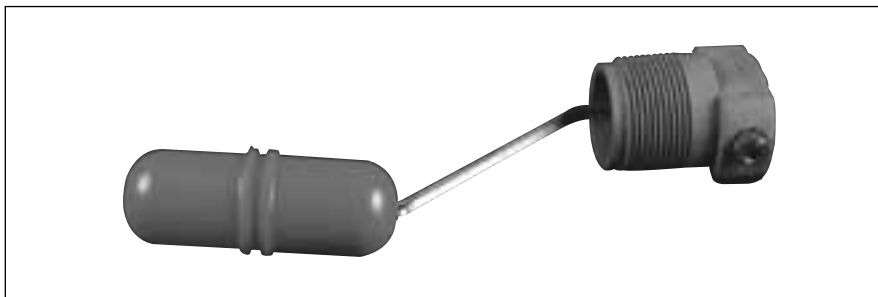
## TANK SELECTION CHART

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)**