TECHNICAL BROCHURE

BCPT R2



(Vertical)



In-Line Pipe Mounted Model

T Series

EPOXY COATED DIAPHRAGM TANKS



Residential Water Systems

FEATURES

Deep Drawn Steel Shells: provide maximum material strength.

Inner Shell: Prevents diaphragm from over-expanding.

Heavy Duty Parabolic Diaphragm: this new diaphragm design has improved diaphragm life by reducing abrasive wear. The diaphragm separates air and water to maintain the tank's air charge. The Butyl rubber diaphragm is an FDA approved material and also meets NSF / ANSI 61 - G standards.

Interior Tank Lining: Tank features a durable fusion bonded polymeric lining. Meets FDA requirements.

Maximum Working Pressure: 100 PSI. Temperature Rating: Maximum 120° F. **Epoxy Coated System Connection:** On all stand and inline models.

Appliance Appearance Exterior Finish: Tan color, high durability exterior finish of tough, powder coat over a zinc phosphate surface treatment.

Tanks are designed for installation indoors or where they are protected from rain, irrigation overspray, salt air and other corrosive environments. Always protect tanks from freezing.

Heavy Duty High Density Polypropylene Base: Eliminates corrosion due to condensation and exposure to the elements.

Tanks have a 5-year limited warranty. See instruction manual for complete warranty details.

	Model	Total Volume (Gals.)	Drawdown in Gallons at System Operating Pressure Range of			Maximum Drawdown	Pre- Charge	System	Dimensions		Shipping	Height From Floor to Center
	No.		20/40 PSIG	30/50 PSIG	40/60 PSIG	Vol. (Gals.)	PSI		Diameter	Height	Weight	of Base Opening
Stand Models	T45	13.9	5.1	4.3	3.7	8.4	38	1" NPTF	15¾	2415/16	24	3%
	T60	19.9	7.3	6.1	5.3	12.1	38	1" NPTF	15¾	32%	34	
	T80	25.9	8.9	7.7	6.7	13.9	38	1" NPTF	15¾	39%16	43	
	T100	31.8	11.8	9.9	8.6	13.8	38	1" NPTF	15¾	471/4	52	
	T140	45.2	16.5	13.9	12.1	27.3	38	1¼" NPTF	22	36%	64	- 3%
	T200	65.1	23.9	20.0	17.4	39.3	38	1¼" NPTF	22	48%	89	
	T250	83.5	30.9	25.9	22.5	50.8	38	1¼" NPTF	26	46	116	3½
	T260	84.9	31.2	26.2	22.8	44.7	38	1¼" NPTF	22	6011/16	113	3¾
	T350	115.9	42.9	35.9	31.3	70.5	38	1¼" NPTF	26	615/16	161	31/2
	T15P	4.9	1.8	1.5	1.4	3.1	38	¾" NPTM	11	14¾	11	
In-Line ① Models	T25P	7.3	2.7	2.3	2.1	3.1	38	¾" NPTM	11	211/16	16	
wodels	T45P	13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15¾	211/16	24	1

NOTES:

P = Pipe Connection (All dimensions are in inches and weight in lbs. Do not use for construction purposes.)

① T15P and T25P are produced at Charlotte, NC plant after January 2013, resulting in minor dimensional changes.

ACCESSORIES



AW39T Bracket:

Universal pump mounting bracket for use on all tan stand model tanks.

Order No.	Description	Wt. (lbs.)		
AW39T	Universal Jet Pump Bracket - Tan	2		



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