

Submittal Data

Challenger Series

Water System Tanks

Job Name: _____ Schedule #: _____
 Location: _____ Model #: _____
 Engineer: _____ Representative: _____
 Contractor: _____

Description

Challenger (PC) Series tanks are diaphragm type pre-charged hydro-pneumatic tanks designed for residential and commercial water well, pressure booster, and irrigation systems. Also available in almond (APC)

Materials of Construction

Shell: Drawn Steel w/ Epoxy Finish
 Diaphragm: Butyl Rubber w/cross-linked polypropylene lower water chamber.
 Connection: Steel FPT

Ratings

Max. Working Pressure 125 PSI
 Max. Working Temperature 140 F
 Pre-charge (Adjustable) 38 PSI



Tank Specifications

Model	Dimensions (inches)		System Connection	Volume (gallons)	Drawdown (gallons)			Weight (lbs)
	Diamete	Height			20/40	30/50	40/60	
(A)PC 44	16	22	1"	14	5.6	4.8	4.1	28
(A) PC 66	16	29	1"	20	8.1	6.8	5.9	36
(A)PC 88	16	34.5	1"	26	10.5	8.9	7.7	41
(A)PC 111	21	27.75	1 1/4"	32	12.9	10.9	9.4	54
(A)PC 122	16	42.75	1"	33.4	13.3	11.3	9.7	49
(A)PC 144	21	36.25	1 1/4"	44	17.7	15.0	13.0	67
(A)PC 211	21	48	1 1/4"	62	25.0	21.1	18.3	82
(A)PC 244	21	62	1 1/4"	81	32.6	27.6	23.9	99
(A)PC 266	26	44.5	1 1/4"	85	34.3	29.0	25.1	121
(A)PC 366	26	59.75	1 1/4"	119	48.0	40.6	35.1	153



300 Pond St
 Randolph, MA

781.986.2424
 Fax 781.986.2029

www.flexconind.com