

Submittal Data

Challenger Series

Water System Tanks

Job Name: _____ Schedule #: _____

Location: _____ Model #: _____

Engineer: _____ Representative: _____

Contractor: _____

Materials of Construction

Shell: Drawn steel w/ epoxy finish

Diaphragm: Butyl rubber w/ copolymer polypropylene lower water chamber

Connection: Steel FPT

Ratings

Max. Working Pressure: 125 PSI

Max. Working Temp: 140 F

Pre-Charge (adjustable): 38 PSI

Description

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



Tank Specifications

Model	Diameter (inches)	Height (inches)	System Connection (inches)	Volume (gallons)	Drawdown (gallons)			Weight (lbs)
					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) PC88	16	34.5	1	26	10.5	8.9	7.7	41
(A) PC 111	21	27.75	1 ¼	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 ¼	44	17.7	15.0	13.0	67
(A) PC 211	21	48	1 ¼	62	25.0	21.1	18.3	82
(A) PC 244	21	62	1 ¼	81	32.6	27.6	23.9	99
(A) PC 266	26	44.5	1 ¼	85	34.3	29.0	25.1	121
(A) PC 366	26	59.75	1 ¼	119	48.0	40.6	35.1	153

