

# Submittal Data

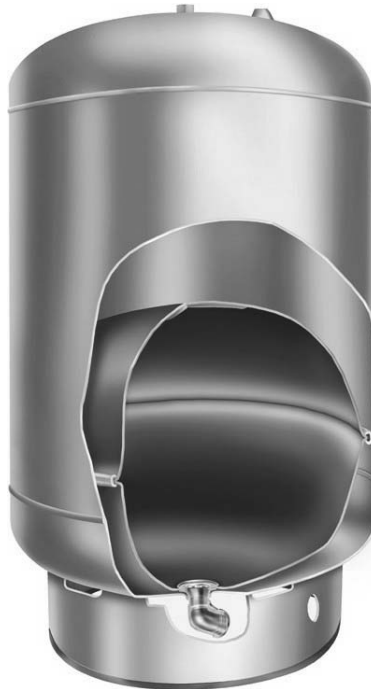
## Challenger Series

### 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.



#### Materials of Construction

Shell: Drawn Steel w/ Epoxy Finish  
 Diaphragm: Butyl Rubber  
 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)
	Diameter	Height			20/40	30/50	40/60	
PC 44	16	22	1"	14	5.6	4.8	4.1	28
PC 66	16	29	1"	20	8.1	6.8	5.9	36
PC 88	16	34.5	1"	26	10.5	8.9	7.7	41
PC 111	21	27.75	1 1/4"	32	12.9	10.9	9.4	54
PC 122	16	42.75	1"	33.4	13.3	11.3	9.7	49
PC 144	21	36.25	1 1/4"	44	17.7	15.0	13.0	67
PC 211	21	48	1 1/4"	62	25.0	21.1	18.3	82
PC 244	21	62	1 1/4"	81	32.6	27.6	23.9	99
PC 266	21	44.5	1 1/4"	85	34.3	29.0	25.1	121
PC 366	21	59.75	1 1/4"	119	48.0	40.6	35.1	153



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