



Challenger® Series Models

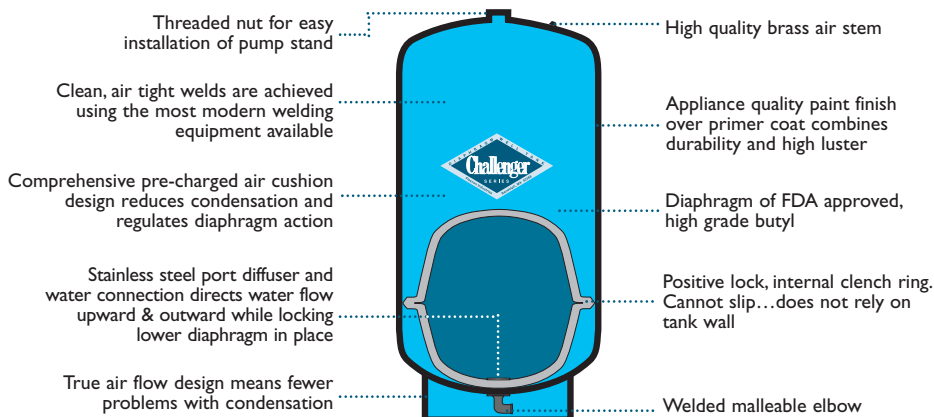
Model #'s	Dimensions				System Connect.	Volume		Shipping (Box) Volume		Shipping (Box) Weight	
	Diameter		Height								
PC44	16	40.64	22	55.88	1"	14	60	3.62	0.10	28.0	12.7
PC66	16	40.64	29	73.66	1"	20	80	4.73	0.13	36.0	16.3
PC88	16	40.64	34.5	87.63	1"	26	100	5.59	0.16	41.0	18.6
PC111	21	53.34	27.75	70.48	1¼"	32	120	7.76	0.22	54.0	24.5
PC122	16	40.64	42.75	108.58	1"	33.4	130	6.93	0.19	49.0	22.2
PC144	21	53.34	36.25	92.07	1¼"	44	170	10.17	0.28	67.0	30.4
PC211	21	53.34	48	121.92	1¼"	62	240	13.64	0.38	82.0	37.2
PC244	21	53.34	62	157.48	1¼"	81	310	16.45	0.46	99.0	44.9
PC266	26	66.04	44.5	113.03	1¼"	85	325	18.69	0.52	121.0	54.9
PC366	26	66.04	59.75	150.49	1¼"	119	450	26.16	0.73	153.0	69.5

All Models: 38 psi/2.6 bar pre-charge
 Maximum working pressure: 125psi/7.4 bar
 Maximum working temperature: All models – 140°F/55°Celsius

Quick Sizing Chart

Model #'s	Total Tank Volume		Total Drawdown					
	gal.	liters	20/40		30/50		40/60	
PC44	14	60	5.6	21.35	4.8	18.1	4.1	15.6
PC66	20	80	8.1	30.51	6.8	25.8	5.9	22.3
PC88	26	100	10.5	39.66	8.9	33.6	7.7	29.0
PC111	32	120	12.9	48.81	10.9	41.3	9.4	35.7
PC122	33	130	13.3	50.34	11.3	42.6	9.7	36.8
PC144	44	170	17.7	67.12	15.0	56.8	13.0	49.1
PC211	62	240	25.0	94.57	21.1	80.0	18.3	69.2
PC244	81	310	32.6	123.6	27.6	104.5	23.9	90.4
PC266	85	325	34.3	129.7	29.0	109.7	25.1	94.9
PC366	119	450	48.0	181.5	40.6	153.6	35.1	132.9

* Total drawdown assumes tank pre-charge set at 2 psi below cut-in pressure.
 Drawdown can be affected by many factors, including temperature, pressure, and elevation.



Flexcon Industries
 300 Pond Street
 Randolph, Massachusetts 02368

For More Information
 Call 1.781.986.2424
 Fax 1.781.986.2029
 www.flexconind.com