



## Challenger® Outdoor Series Models

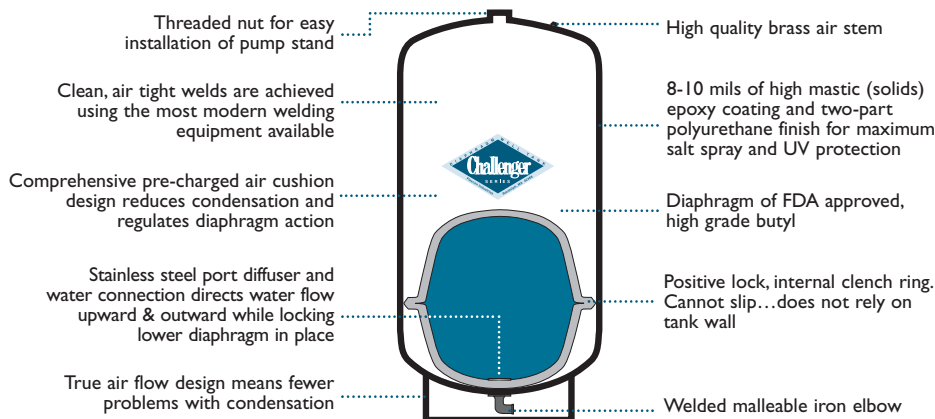
Model #s	Dimensions				Pressure Rating		Volume		Shipping (Box) Volume		Shipping (Box) Weight		System Connection
	Diameter		Height		psi	bar	gal.	liter	cu. ft.	cu. m.	lbs.	kilo.	in.
	in.	cm.	in.	cm									
PC44FR	16	40.64	22	55.88	125	7.4	14	60	3.62	0.10	28.0	12.7	1"
PC66FR	16	40.64	29	73.66	125	7.4	20	80	4.73	0.13	36.0	16.3	1"
PC88FR	16	40.64	34.5	87.63	125	7.4	26	100	5.59	0.16	41.0	18.6	1"
PC111FR	21	53.34	27.75	70.48	125	7.4	32	120	7.76	0.22	54.0	24.5	1.25"
PC122FR	16	40.64	42.75	108.58	125	7.4	33.4	130	6.93	0.19	49.0	22.2	1"
PC144FR	21	53.34	36.25	92.07	125	7.4	44	170	10.17	0.28	67.0	30.4	1.25"
PC211FR	21	53.34	48	121.92	125	7.4	62	240	13.64	0.38	82.0	37.2	1.25"
PC244FR	21	53.34	62	157.48	125	7.4	81	310	16.45	0.46	99.0	44.9	1.25"
PC266FR	26	66.04	44.5	113.03	125	7.4	85	325	18.69	0.52	121.0	54.9	1.25"
PC366FR	26	66.04	59.75	150.49	125	7.4	119	450	26.16	0.73	153.0	69.5	1.25"

All Models – 38 psi/2.6 bar pre-charge  
 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	
	gal.	liters	gal.	liters	gal.	liters	gal.	liters
PC44FR	14	60	5.6	21.35	4.8	18.1	4.1	15.6
PC66FR	20	80	8.1	30.51	6.8	25.8	5.9	22.3
PC88FR	26	100	10.5	39.66	8.9	33.6	7.7	29.0
PC111FR	32	120	12.9	48.81	10.9	41.3	9.4	35.7
PC122FR	33	130	13.3	50.34	11.3	42.6	9.7	36.8
PC144FR	44	170	17.7	67.12	15.0	56.8	13.0	49.1
PC211FR	62	240	25.0	94.57	21.1	80.0	18.3	69.2
PC244FR	81	310	32.6	123.6	27.6	104.5	23.9	90.4
PC266FR	85	325	34.3	129.7	29.0	109.7	25.1	94.9
PC366FR	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