

Fleck Valve Series Water Softener Specifications

Single Tank Data												
Series	Model Number	Resin Qty. CF	Grains Capacity Salt			Service Flow		Media Tank Size in. (3)	Pipe Size Inches		Drain Flow Max GPM	Brine Tank Size (4)
			15 lb/cf	10lb/cf	5 lb/cf	Average GPM Flow (1)	Peak GPM Flow (2)		IN / OUT Size Inches	Drain Size Inches		
2750	100	1	30K	25K	20K	15	20	9 x 48	1	0.75	2	18 x 40
	200	2	60K	50K	40K	20	26	12 x 52	1	0.75	3	18 x 40
	250	2.5	75K	62.5K	50K	19	25	13 x 54	1	0.75	3.5	18 x 40
	300	3	90K	75K	60K	19	26	14 x 65	1	0.75	4	18 x 40
	400	4	120K	100K	80K	20	27	16 x 65	1	0.75	5	24 x 50
	500	5	150K	125K	100K	21	28	18 x 65	1	0.75	7	24 x 50
2850	300	3	90K	75K	60K	30	41	14 x 65	2	0.75	4	24 x 50
	400	4	120K	100K	80K	33	45	16 x 65	2	0.75	5	24 x 50
	500	5	150K	125K	100K	36	49	18 x 65	2	0.75	7	24 x 50
	700	7	210K	175K	140K	38	52	21 x 62	2	1	10	24 x 50
	1000	10	300K	250K	200K	42	56	24 x 72	2	1	12	24 x 50
2900	300	3	90K	75K	60K	32	50	14 x 65	2	0.75	4	24 x 50
	400	4	120K	100K	80K	42	55	16 x 65	2	0.75	5	24 x 50
	500	5	150K	125K	100K	50	65	18 x 65	2	0.75	7	24 x 50
	700	7	210K	175K	140K	60	85	21 x 62	2	1	10	24 x 50
	1000	10	300K	250K	200K	72	95	24 x 72	2	1	12	24 x 50
	1500	15	450K	375K	300K	80	110	30 x 72	2	1	20	30 x 48
	2000*	20	600K	500K	400K	94	125	36 x 72	2	1	25	39 x 48
3900	1000	10	300K	250K	200K	120	170	24 x 72	3	1	12	24 x 50
	1500	15	450K	375K	300K	160	215	30 x 72	3	1	20	30 x 48
	2000*	20	450K	375K	300K	175	250	36 x 72	3	2	30	39 x 48
	2500*	25	750K	625K	500K	200	270	42 x 72	3	2	40	42 x 60
	3000*	30	900K	750K	600K	195	260	42 x 72	3	2	40	42 x 60
	4000*	40	1,200K	1,000K	800K	210	280	48 x 72	3	2	50	50 x 60

Twin Tank Data												
Series	Model Number	Resin Qty. CF	Grains Capacity Salt			Service Flow		Media Tank Size in. (3)	Pipe Size Inches		Drain Flow Max	Brine Tank Size (4)
			15 lb/cf	10lb/cf	5 lb/cf	Average GPM Flow (1)	Peak GPM Flow (2)		IN / OUT	Drain		
9000	100	1	30K	25K	20K	14	16	9 x 48	1	0.75	2	18 x 40
	150	1.5	45K	37.5K	30K	14	19	10 x 54	1	0.75	2	18 x 40
	200	2	60K	50K	40K	16	22	12 x 52	1	0.75	3	18 x 40
	250	2.5	75K	62.5K	50K	16	24	13 x 54	1	0.75	3.5	18 x 40
	300	3	90K	75K	60K	17	26	14 x 65	1	0.75	4	18 x 40
	400	4	120K	100K	80K	17	27	16 x 65	1	0.75	5	24 x 50
9500	300	3	90K	75K	60K	24	36	14 x 65	2	0.75	4	24 x 50
	400	4	120K	100K	80K	33	45	16 x 65	2	0.75	5	24 x 50
	500	5	150K	125K	100K	35	48	18 x 65	2	0.75	7	24 x 50
	700	7	210K	175K	140K	42	54	21 x 62	2	1	10	24 x 50
	1000	10	300K	250K	200K	45	55	24 x 72	2	1	12	24 x 50

*Notes:

- 1) Based at 15 psi drop.
 - 2) Based at 25 psi drop.
 - 3) Dimension shown is tank diameter and height without tank base, operating valve and piping.
 - 4) Brine tank shown is based on 10# salt dosage per cubic foot.
 - 5) Salt dosages greater than 10# per cubic foot may require a larger tank size.
- *Minimum salt dosage of 5 #'s per cubic foot is changed to 6 #'s per cubic foot

