

Patriot 1.5" or 2"

Water Softener

Solid State Metered Control:

Displays Flow Rate, Capacity Remaining, Time, Days until Regeneration, and Total Volume Used.

Built Tough:

Epoxy Coated Lead Free Brass Valve body with Stainless Steel flow meter.

High Flow Rates:

Up to 99gpm Service Flow and up to 130 gpm Peak Flow per tank..

Optional Pre-Plumbed Bypass Assembly:

PVC or Copper. Pressure Tested. Includes inlet and outlet isolation valves, bypass valve, meter isolation valve, and unions (for easy tank access).

Optional MAV (Motorized Alternating Valve):

For two tank alternating applications.

Optional NHBP (No Hard Water Bypass):

Shuts off water outlet during regeneration to guarantee no hard water passes through the unit (for single and parallel multi-tank units).

Saved/Lockable Programming:

Password protection prevents unwanted changes to program settings. Lithium Ion Battery backup.

Optional Regeneration Settings:

Meter Immediate, Meter Delayed, Time Clock Delayed, and External Contact.

Easy to Retrieve Performance Data:

Retrievable Daily water usage log up to 63 days.



Shown:
DCS6-300-150-T2 w/
optional pre-plumbed header



Optional:

Remote Mount Patriot System Controller

- Ability to control up to six units
- Ethernet Connectivity
- In-Depth water monitoring capability
- Progressive, series, alternating, and parallel flow configurations

DCS6 1.5" Valve Specifications

MODEL (T1 or T2) (T1: 1-Tank Softener) (T2: 2-Tank Softener)	CAPACITY & SALT per REGENERATION				FLOW RATE (GPM)			SOFTENER TANK(S)		BRINE TANK (With Grid)		Plumbing		Dimensions 1-Tank System (Single)		Dimensions 2-Tank System (Twin)	
	MAXIMUM		MINIMUM		CONT.	PEAK	BACKWASH	SIZE	CAPACITY	SIZE	CAPACITY	SERVICE	DRAIN	L x W x H	Shipping Weight	L x W x H	Shipping Weight
	Capacity	Salt/Regen	Capacity	Salt/Regen	@15psi Drop	@25psi Drop	n/a	Dia x Ht (in)	Cu Ft	Dia x Ht (in)	Lbs.	Inches	Inches	Inches	lbs	Inches	lbs
DCS6-75-150	75,000	37.5 lb	60,000	25 lb	33	51	4.2	13 x 54	2.5	18 x 40	400	1 1/2	3/4	37 x 18 x 64	230	56 x 18 x 64	434
DCS6-90-150	90,000	45 lb	72,000	30 lb	36	54	5.3	14 x 65	3	24 x 50	900	1 1/2	3/4	44 x 24 x 75	374	64 x 24 x 75	611
DCS6-120-150	120,000	60 lb	96,000	40 lb	41	60	6.5	16 x 65	4	24 x 50	900	1 1/2	3/4	46 x 24 x 75	459	68 x 24 x 75	780
DCS6-150-150	150,000	75 lb	120,000	50 lb	46	64	9	18 x 65	5	24 x 50	900	1 1/2	3/4	48 x 24 x 75	561	72 x 24 x 75	984
DCS6-180-150	180,000	90 lb	144,000	60 lb	52	70	10	21 x 62	6	24 x 50	900	1 1/2	1	51 x 24 x 72	643	78 x 24 x 72	1,148
DCS6-210-150	210,000	105 lb	168,000	70 lb	50	69	10	21 x 62	7	24 x 50	900	1 1/2	1	51 x 24 x 72	694	78 x 24 x 72	1,250
DCS6-240-150	240,000	120 lb	192,000	80 lb	55	73	15	24 x 72	8	24 x 50	900	1 1/2	1	54 x 24 x 82	861	84 x 24 x 82	1,585
DCS6-270-150	270,000	135 lb	216,000	90 lb	54	72	15	24 x 72	9	24 x 50	900	1 1/2	1	54 x 24 x 82	912	84 x 24 x 82	1,687
DCS6-300-150	300,000	150 lb	240,000	100 lb	53	71	15	24 x 72	10	30 x 50	1,400	1 1/2	1	60 x 30 x 82	985	90 x 30 x 82	1,760

DCS6 2" Valve Specifications

MODEL (T1 or T2) (T1: 1-Tank Softener) (T2: 2-Tank Softener)	CAPACITY & SALT per REGENERATION				FLOW RATE (GPM)			SOFTENER TANK(S)		BRINE TANK (With Grid)		Plumbing		Dimensions 1-Tank System (Single)		Dimensions 2-Tank System (Twin)	
	MAXIMUM		MINIMUM		CONT.	PEAK	BACKWASH	SIZE	CAPACITY	SIZE	CAPACITY	SERVICE	DRAIN	L x W x H	Shipping Weight	L x W x H	Shipping Weight
	Capacity	Salt/Regen	Capacity	Salt/Regen	@15psi Drop	@25psi Drop	n/a	Dia x Ht (in)	Cu Ft	Dia x Ht (in)	Lbs.	Inches	Inches	Inches	lbs	Inches	lbs
DCS6-75-200	75,000	37.5 lb	60,000	25 lb	38	64	4.2	13 x 54	2.5	18 x 40	400	2	3/4	37 x 18 x 62	238	56 x 18 x 62	450
DCS6-90-200	90,000	45 lb	72,000	30 lb	42	69	5.3	14 x 65	3	24 x 50	900	2	3/4	44 x 24 x 73	382	64 x 24 x 73	627
DCS6-120-200	120,000	60 lb	96,000	40 lb	51	79	6.5	16 x 65	4	24 x 50	900	2	3/4	46 x 24 x 73	467	68 x 24 x 73	796
DCS6-150-200	150,000	75 lb	120,000	50 lb	59	89	9	18 x 65	5	24 x 50	900	2	3/4	48 x 24 x 73	569	72 x 24 x 73	1,000
DCS6-180-200	180,000	90 lb	144,000	60 lb	72	103	10	21 x 62	6	24 x 50	900	2	1	51 x 24 x 70	651	78 x 24 x 70	1,164
DCS6-210-200	210,000	105 lb	168,000	70 lb	69	100	10	21 x 62	7	24 x 50	900	2	1	51 x 24 x 70	702	78 x 24 x 70	1,266
DCS6-240-200	240,000	120 lb	192,000	80 lb	80	110	15	24 x 72	8	24 x 50	900	2	1	54 x 24 x 80	869	84 x 24 x 80	1,601
DCS6-270-200	270,000	135 lb	216,000	90 lb	77	108	15	24 x 72	9	24 x 50	900	2	1	54 x 24 x 80	920	84 x 24 x 80	1,703
DCS6-300-200	300,000	150 lb	240,000	100 lb	75	105	15	24 x 72	10	30 x 50	1,400	2	1	60 x 30 x 80	993	90 x 30 x 80	1,776
DCS6-450-200	450,000	225 lb	360,000	150 lb	87	117	25	30 x 72	15	30 x 50	1,400	2	1 1/2	66 x 30 x 80	1,453	102 x 30 x 80	2,697
DCS6-600-200	600,000	300 lb	480,000	200 lb	94	124	35	36 x 72	20	39 x 48	2,200	2	1 1/2	81 x 39 x 80	2,007	123 x 39 x 80	3,677
DCS6-750-200	750,000	375 lb	600,000	250 lb	98	128	45	42 x 72	25	39 x 48	2,200	2	2	87 x 42 x 80	2,964	135 x 42 x 80	5,392
DCS6-900-200	900,000	450 lb	720,000	300 lb	96	126	45	42 x 72	30	50 x 60	4,500	2	2	98 x 50 x 80	3,256	146 x 50 x 80	5,939
DCS6-1200-200	1,200,000	600 lb	960,000	400 lb	99	130	60	48 x 72	40	50 x 60	4,500	2	2	104 x 50 x 80	4,087	158 x 50 x 80	7,601

Independently Tested Resin:

Every batch of high capacity virgin polystyrene softening resin is tested to ASTM D2187-94 to assure its performance.

Utility Specs:

Supply Voltage:	<u>U.S.A.</u> 120V AC	<u>International</u> 230V AC
Supply Frequency:	60 Hz	50 Hz
Output Voltage:	12V AC	12V AC
Output Current:	500mA	500mA
Temperature:	40-110°F	
Pressure:	20-125 psi	

Fiberglass Wound Tanks:

Mineral tanks have a polyethylene inner shell that is externally wound with continuous fiberglass filament for seamless corrosion proof construction. These tanks are 1/3 the weight of a comparable size steel tank for ease of installation and handling.



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Bulletin: 103PAC-15-02

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