

Patriot 1" or 1.25"

Water Softener

Solid State Metered Control:

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

Corrosion Resistant:

Norell[®] Body Control Valve with integrated easy access flow meter.

High Flow Rates:

Up to 28gpm Service Flow and up to 37 gpm Peak Flow per tank.

Bypass Assembly Included:

Simple low cost installation.

Optional MAV (Motorized Alternating Valve):

Includes interconnecting adapters on two tank systems.

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:

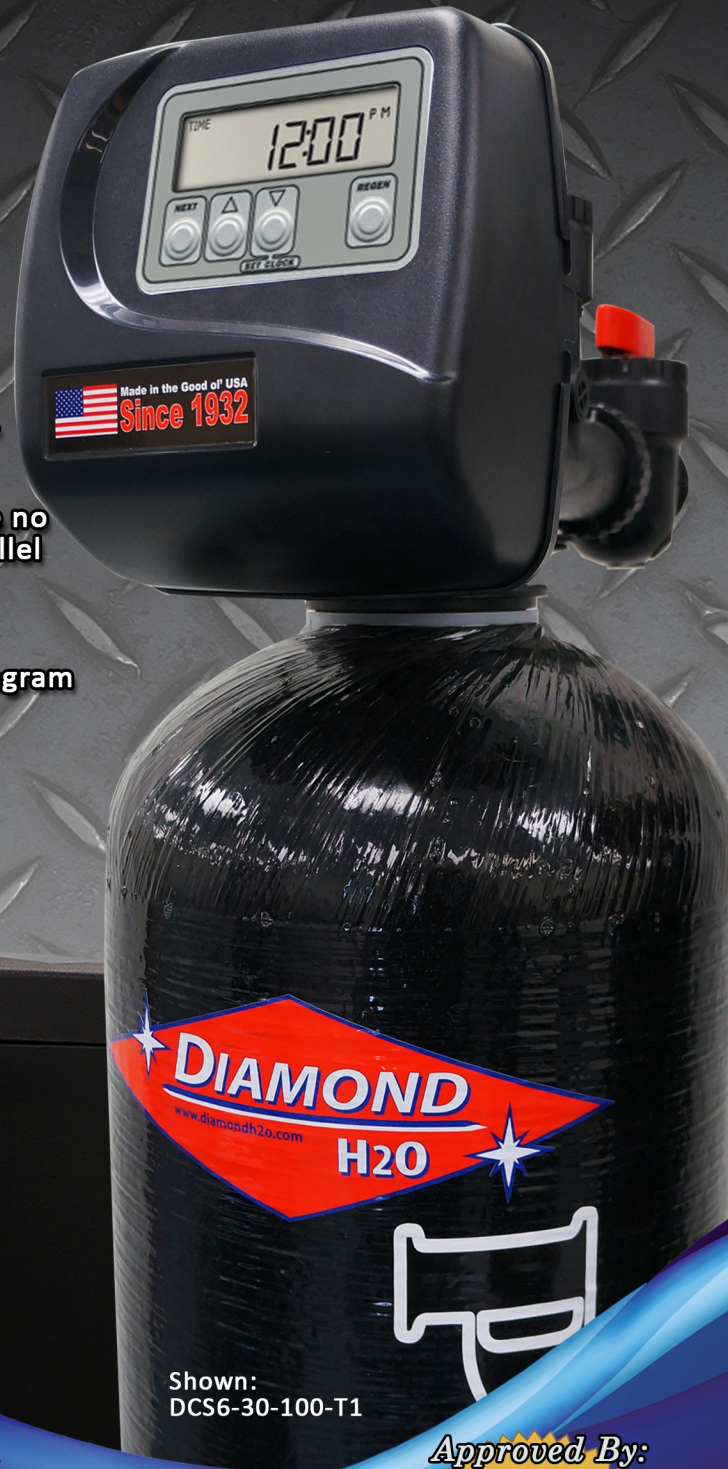
Password protection prevents unwanted changes to program settings. Lithium Ion Battery backup.

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:
DCS6-30-100-T1

**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

Approved By:



DCS6 1" 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
DCS6-24-100	24,000	12 lb	18,000	8lb	13	20	1.7	8 x 44	0.75	18 x 33	300	1	¾	32 x 18 x 52	76	32 x 18 x 52	76
DCS6-30-100	30,000	15 lb	24,000	10lb	15	22	2.2	9 x 48	1	18 x 33	300	1	¾	33 x 18 x 56	91	33 x 18 x 56	91
DCS6-45-100	45,000	22.5 lb	36,000	15lb	15	22	2.7	10 x 54	1.5	18 x 40	400	1	¾	34 x 18 x 62	128	34 x 18 x 62	128
DCS6-60-100	60,000	30 lb	48,000	20lb	18	25	3.2	12 x 52	2	18 x 40	400	1	¾	36 x 18 x 60	160	36 x 18 x 60	160
DCS6-75-100	75,000	37.5 lb	60,000	25lb	19	26	4.2	13 x 54	2.5	18 x 40	400	1	¾	37 x 18 x 62	213	37 x 18 x 62	213
DCS6-90-100	90,000	45 lb	72,000	30lb	19	26	5.3	14 x 65	3	24 x 50	900	1	¾	44 x 24 x 73	358	44 x 24 x 73	358

DCS6 1.25" 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
DCS6-24-125	24,000	12 lb	18,000	8lb	14	23	1.7	8 x 44	0.75	18 x 33	300	1	¾	32 x 18 x 52	76	32 x 18 x 52	76
DCS6-30-125	30,000	15 lb	24,000	10lb	17	26	2.2	9 x 48	1	18 x 33	300	1	¾	33 x 18 x 56	91	33 x 18 x 56	91
DCS6-45-125	45,000	22.5 lb	36,000	15lb	18	27	2.7	10 x 54	1.5	18 x 40	400	1	¾	34 x 18 x 62	128	34 x 18 x 62	128
DCS6-60-125	60,000	30 lb	48,000	20lb	22	31	3.2	12 x 52	2	18 x 40	400	1	¾	36 x 18 x 60	160	36 x 18 x 60	160
DCS6-75-125	75,000	37.5 lb	60,000	25lb	23	32	4.2	13 x 54	2.5	18 x 40	400	1	¾	37 x 18 x 62	213	37 x 18 x 62	213
DCS6-90-125	90,000	45 lb	72,000	30lb	23	32	5.3	14 x 65	3	24 x 50	900	1	¾	44 x 24 x 73	358	44 x 24 x 73	358
DCS6-120-125	120,000	60 lb	96,000	40lb	25	34	6.5	16 x 65	4	24 x 50	300	1 ¼	¾	46 x 24 x 73	442	68 x 24 x 73	747
DCS6-150-125	150,000	75 lb	120,000	50lb	26	35	9	18 x 65	5	24 x 50	300	1 ¼	¾	48 x 24 x 73	544	72 x 24 x 73	951
DCS6-180-125	180,000	90 lb	144,000	60lb	28	37	12	18 x 65	6	24 x 50	400	1 ¼	1	48 x 24 x 73	595	72 x 24 x 73	1053

Independantly Tested Resin:

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

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.

Utility Specs:

	<u>U.S.A.</u>	<u>International</u>
Supply Voltage:	120V AC	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	



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