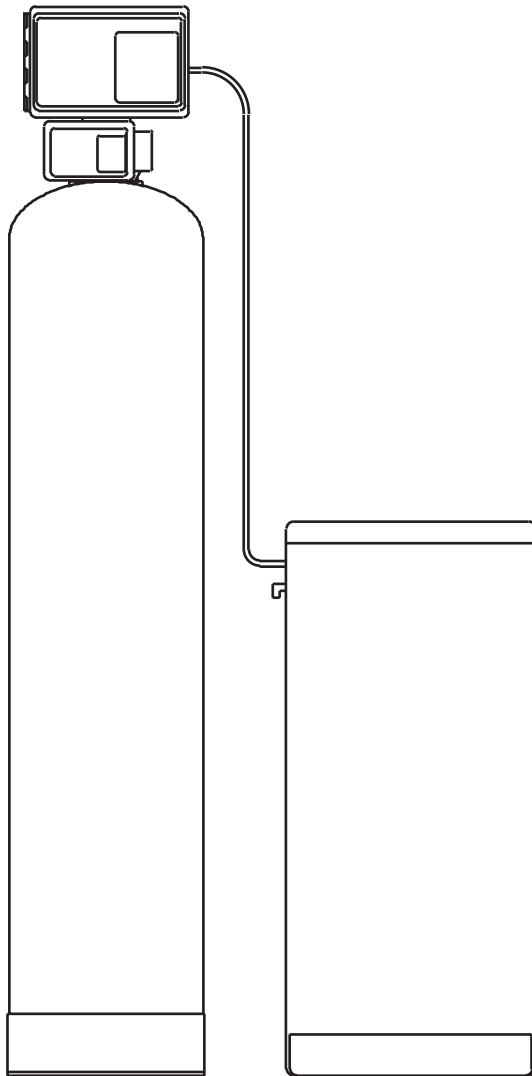


# C42 Series

## Water Softeners



### Typical Applications

Apartments / Condos  
Assisted Living Facilities  
Boiler Feed  
Cafeterias  
Casinos  
Corporate Campuses  
Dairies  
Educational Facilities  
Factories Hospitals  
Farms  
Food Service  
Grocery  
Hotel / Motel  
Institutions  
Laundry  
Restaurants  
Reverse Osmosis Feed  
Schools  
Theme Parks  
Vehicle Wash

### CustomCare C42 Series Provides:

- Flow Rates up to 213 gpm Continuous, 280 gpm Peak
- Capacities from 30,000 to 1,200,000 grains per tank

# C42 Series Features

- Top mounted solid brass control valve with motor driven pistons.
- Five cycle valve for control of backwash, brine & rinse refill and service.
- High capacity virgin polystyrene resin.
- Choice of single, twin or triple systems.
- Corrosion resistant mineral tanks made from fiberglass reinforced polyester.
- Corrosion resistant brine tanks with automatic control and optional salt shelf.
- Automatic self-adjusting backwash flow control.
- Optional headers and/or skid mounting.

Model Number	Capacity		Pipe Size		Service Flow Rate		Backwash Flow Rate	Resin Volume	Tank Size		Salt Storage	Floor Space Requirements			Shipping Weight				
	Maximum	Minimum	Sevice	Drain	Continuous	Peak			(gpm)	(cu.ft.)		(dia x height)	(dia x height)	(lbs)	Length			Width	Height
	(grains)	(grains)					(gpm)	(gpm)			(gpm)				(gpm)	(gpm)	(gpm)		
C42-0030-10	30,000	20,000	1"	3/4"	15	19	2.0	1.0	9" x 48"	18" x 33"	320	33	45	57	18	55	90	168	246
C42-0060-10	60,000	40,000	1"	3/4"	18	24	3.5	2.0	12" x 52"	18" x 40"	270	36	51	66	18	60	152	288	424
C42-0060-15			1-1/2"	1"	28	40						36	51	66	18	60	158	300	442
C42-0090-10	90,000	60,000	1"	3/4"	18	25	5.0	3.0	14" x 65"	18" x 40"	310	38	55	72	18	72	236	456	676
C42-0090-15			1-1/2"	1"	30	42						38	55	72	18	72	242	468	694
C42-0090-20			2"	3/4"	39	55						38	55	72	18	77	256	496	736
C42-0120-10	120,000	80,000	1"	3/4"	19	25	6.0	4.0	16" x 65"	24" x 41"	550	46	65	84	24	72	416	706	996
C42-0120-15			1-1/2"	1"	33	46						46	65	84	24	72	422	718	1,014
C42-0120-20			2"	3/4"	46	64						46	65	84	24	77	436	746	1,056
C42-0150-10	150,000	100,000	1"	3/4"	20	26	8.0	5.0	18" x 65"	24" x 41"	500	48	69	90	24	74	512	898	1,284
C42-0150-15			1-1/2"	1"	38	52						48	69	90	24	74	518	910	1,302
C42-0150-20			2"	3/4"	62	81						48	69	90	24	80	532	938	1,344
C42-0180-10	180,000	120,000	1"	3/4"	20	26	12.0	6.0	21" x 62"	24" x 50"	640	51	75	99	24	74	623	1,117	1,611
C42-0180-15			1-1/2"	1"	38	51						51	75	99	24	74	629	1,129	1,629
C42-0180-20			2"	3/4"	63	84						51	75	99	24	79	643	1,157	1,671
C42-0210-10	210,000	140,000	1"	3/4"	19	26	12.0	7.0	21" x 62"	24" x 50"	590	51	75	99	24	74	674	1,219	1,764
C42-0210-15			1-1/2"	1"	38	52						51	75	99	24	74	680	1,231	1,782
C42-0210-20			2"	3/4"	61	80						51	75	99	24	79	694	1,259	1,824
C42-0240-10	240,000	160,000	1"	3/4"	22	30	15.0	8.0	24" x 72"	24" x 50"	550	54	81	108	24	81	814	1,499	2,184
C42-0240-15			1-1/2"	1"	42	56						54	81	108	24	81	820	1,511	2,202
C42-0240-20			2"	3/4"	74	101						54	81	108	24	87	834	1,539	2,244
C42-0240-30			3"	2"	120	170						54	81	108	24	90	894	1,659	2,424
C42-0270-10	270,000	180,000	1"	3/4"	21	29	15.0	9.0	24" x 72"	24" x 50"	510	54	81	108	24	81	865	1,601	2,337
C42-0270-15			1-1/2"	1"	41	55						54	81	108	24	81	871	1,613	2,355
C42-0270-20			2"	3/4"	71	97						54	81	108	24	87	885	1,641	2,397
C42-0270-30			3"	2"	117	160						54	81	108	24	90	945	1,761	2,577
C42-0300-10	300,000	200,000	1"	3/4"	19	27	15.0	10.0	24" x 72"	24" x 50"	460	54	81	108	24	81	916	1,703	2,490
C42-0300-15			1-1/2"	1"	40	54						54	81	108	24	81	922	1,715	2,508
C42-0300-20			2"	3/4"	68	93						54	81	108	24	87	936	1,743	2,550
C42-0300-30			3"	2"	114	150						54	81	108	24	90	996	1,863	2,730
C42-0450-15	450,000	300,000	1-1/2"	1"	44	59	25.0	15.0	30" x 72"	30" x 50"	760	66	99	132	30	93	1,477	2,745	4,013
C42-0450-20			2"	3/4"	83	105						66	99	132	30	98	1,491	2,773	4,055
C42-0450-30			3"	2"	155	209						66	99	132	30	101	1,551	2,893	4,235
C42-0600-20	600,000	400,000	2"	3/4"	87	110	35.0	20.0	36" x 72"	39" x 48"	1410	81	120	159	39	95	2,115	3,910	5,705
C42-0600-30			3"	2"	178	242						81	120	159	39	98	2,175	4,030	5,885
C42-0750-20	750,000	500,000	2"	3/4"	105	135	45.0	25.0	42" x 72"	39" x 60"	1810	87	132	177	39	107	3,019	5,705	8,391
C42-0750-30			3"	2"	193	260						87	132	177	39	110	3,079	5,825	8,571
C42-0900-20	900,000	600,000	2"	3/4"	115	145	45.0	30.0	42" x 72"	42" x 60"	2060	90	135	180	42	107	3,291	6,232	9,173
C42-0900-30			3"	2"	170	235						90	135	180	42	110	3,351	6,352	9,353
C42-1050-20	1,050,000	700,000	2"	3/4"	120	155	55.0	35.0	48" x 72"	50" x 60"	3250	104	155	206	50	104	4,111	7,709	11,307
C42-1050-30			3"	2"	213	280						104	155	206	50	107	4,171	7,829	11,487
C42-1200-20	1,200,000	800,000	2"	3/4"	125	160	55.0	40.0	48" x 72"	50" x 60"	3030	104	155	206	50	104	4,366	8,219	12,072
C42-1200-30			3"	2"	190	267						104	155	206	50	107	4,426	8,339	12,252

<sup>1</sup> Minimum Capacity based on 15# per Cubic Foot Salt Dosage

<sup>2</sup> Minimum Capacity based on 6# per Cubic Foot Salt Dosage

<sup>3</sup> Normal Continuous flow rate @ 15pse Pressure Loss

<sup>4</sup> Intermittent Peak flow rate @ 25psi Pressure Loss

## Operating Parameters

Pressure 30 - 100 psi  
 Vacuum None  
 Temperature 40 - 100° F  
 Electrical 120V - 60 Hz

## Your Authorized Representative:

- Tank warranty is void if subjected to vacuum
- Consult factory for optional operating parameters



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