



HC-Series®

Heavy Commercial Water Conditioners

The HC-Series commercial equipment offers capacities between 60,000 and 600,000 grains and flow rates up to 107 GPM. This series also provides excellent iron, manganese, and pH correction.

The HC-Series solid brass controller can be expanded to multiple tank configurations for applications requiring continuous soft water or higher flow rates.

- **Control Valve** – unique piston design achieves optimum performance for long-term operation with minimal maintenance.
- **Regeneration Control** – the HC-Series offers a choice of regeneration controls that meet the requirements of any application.
- **Media Tank** – steel tanks are epoxy-lined and rated for 100 psi operating pressures - for higher psi and environments up to 120°F, we use non-corrosive fiberglass tanks.
- **Brine Tank** – our durable brine tank is made of high-density polyethylene to resist corrosion and puncture;.
- **Chlorine Regeneration** – eliminate iron and sulphur bacteria within the media.

Options

- Mechanical or electronic meter
- Sanitizing feature
- No raw water bypass
- Choice of media for hardness, iron, manganese, and pH correction
- Larger brine tanks, safety floats and salt grids available
- Multi-tank configurations
- ASME approved tanks

Hicksgas HC-Series commercial water conditioners are engineered to be highly effective in applications such as:

- Car Washes
- Schools
- Nursing Homes
- Hotels/Motels
- Apartments
- Light Industrial Applications

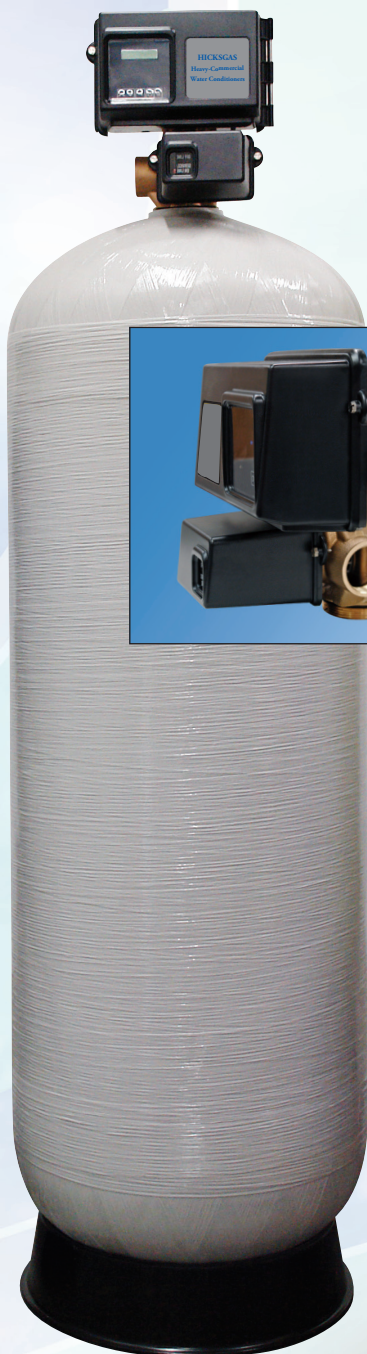


Optional electronic package allows for various regeneration sequences.

SOFTENING MEDIA

Hicksgas water conditioners are offered with three different media options, capable of handling even the most challenging water conditions.

- **Resin** – high capacity sulfonated polystyrene media for common hard water conditions.
- **Crystal-Right CR100** – silica crystal media highly effective for reducing hardness, iron, manganese and raising pH levels of acidic water.
- **Crystal-Right CR200** – silica crystal media used for raising pH levels of highly acidic water.



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System Specifications

	Model Number	Type of Media	Pipe Size	Maximum Capacity/ Lbs of Salt	Medium Capacity/ Lbs of Salt	Minimum Capacity/ Lbs of Salt	Iron & Mang. Capacity ¹	pH Capacity ²	Flow Rate ³		Mineral Quantity (Cu. Ft.)	Backwash Rate ⁴ (GPM)
									Continuous @ 15 PSI Pressure Drop	Peak @ 25 PSI Pressure Drop		
HCR	1465	Resin	2"	90,000/45	78,000/27	60,000/18	1	7	39	54	3	5
	1665	Resin	2"	120,000/60	104,000/36	80,000/24	1	7	47	64	4	6
	1865	Resin	2"	150,000/75	130,000/45	100,000/30	1	7	54	70	5	8
	2162	Resin	2"	210,000/105	182,000/63	140,000/42	1	7	60	77	7	12
	2472	Resin	2"	300,000/150	260,000/90	200,000/60	1	7	68	91	10	15
HC1	3072	Resin	2"	450,000/225	390,000/135	300,000/90	1	7	84	105	15	25
	1465	CR-100	2"	52,000/30	47,000/22	40,000/13	10	6	39	54	3.5	9
	1665	CR-100	2"	67,000/39	60,000/29	51,000/17	10	6	47	64	4.5	12
	1865	CR-100	2"	81,000/47	74,000/35	62,000/20	10	6	54	70	5.5	15
	2162	CR-100	2"	104,000/60	94,000/45	79,000/26	10	6	60	77	7	20
HC2	2472	CR-100	2"	148,000/85	134,000/64	113,000/37	10	6	68	94	10	25
	1465	CR-200	2"	84,000/37	68,000/22	40,000/13	10	7	39	54	3.5	7
	1665	CR-200	2"	108,000/48	87,000/29	51,000/17	10	7	47	64	4.5	9
	1865	CR-200	2"	132,000/58	106,000/35	62,000/20	10	7	54	70	5.5	12
	2162	CR-200	2"	168,000/74	135,000/45	79,000/26	10	7	60	77	7	15
	2472	CR-200	2"	240,000/106	193,000/64	113,000/37	10	7	68	91	10	20

Notes: Resin capacities based on industry standards. CR-100 and CR-200 interpolated from the ASC Series Water Conditioners.

1 On waters that are pre-chlorinated or where other pre-oxidation occurs, iron or manganese can precipitate too small to be filtered.

2 The pH of the influent water must be at least the specified number above. pH correction is dependent upon flow rate.

3 Quality of water may vary depending upon flow rate and water conditions.

4 Backwash rates may change depending on temperature of water.

System Dimensions and Weight

	Model Number	Tank Sizes		Installed Dimensions ¹			Shipping Weight ²
		Softener	Brine Tank	Length	Width	Height	
HC	1465	14" x 65"	18" x 40"	34"	19"	78"	310 lbs
	1665	16" x 65"	24" x 41"	41"	25"	78"	385 lbs
	1865	18" x 65"	24" x 41"	43"	25"	79"	510 lbs
	2162	21" x 62"	24" x 50"	47"	25"	79"	670 lbs
	2472	24" x 72"	30" x 50"	56"	32"	88"	930 lbs
	3072	30" x 72"	39" x 48"	70"	40"	105"	1370 lbs
	3672	36" x 72"	39" x 48"	77"	40"	106"	1500 lbs

1 Height and width based on fiberglass tanks and top mount control valve.

Please consult with factory for dimensions with steel tanks or side mounted controllers.

2 Shipping weight is dry.



For your nearest location, visit
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