

IMLC-Series

Impression Series® Light Commercial Water Conditioners

Commercial facilities can now achieve quality water easier than ever, thanks to the advanced controls and proven performance of the Impression Series Water Conditioners by Water-Right. The IMLC-Series features a microprocessor-based controller and meter. LCD displays simplify system programming and operation. Your system can now be custom configured for specific commercial applications.

Features

- Flow rates up to 60 GPM
- Capacity up to 300K grains
- Pipe sizes 1", 1.25" and 1.5"
- Safety brine shutoff standard
- Monitors water usage
- Stores system configuration, operating and history data
- Modular design is easy to service – no screws or bolts

Options

- Choice of media for hardness, iron, manganese, and pH correction
 - chlorine generator
- Larger brine tanks and salt grids available

Ideal for:

- Restaurants
- Convenience Stores
- Apartments
- Condominiums
- Larger Homes
- Small Schools
- Car Washes



CONTROL VALVE

The IMLC-Series valve achieves optimum performance using a single piston and corrosion-resistant spacers and seals. This piston design offers long-term operation with minimal maintenance. Tight tolerances and precision machining optimize performance, even in challenging environments.

REGENERATION CONTROL

The electronic meter-initiated controller is fully adjustable and easy to operate. The IMLC-Series controller operates all steps of regeneration for single or multiple configurations. Its unique modular design allows for easy troubleshooting, maintenance and service.

MEDIA TANK

All Water-Right commercial grade media tanks are constructed with non-corrosive fiberglass. These quality fiberglass tanks are NSF approved and are rated for 150 psi operating pressures and environments up to 120°.

SOFTENING MEDIA

All Water-Right water conditioners are offered with three different media options capable of handling all softening needs, from the simple to the most challenging water conditions. The media options include:

- **Resin** – a high capacity sulfonated polystyrene media capable of handling common hard water conditions.
- **Crystal-Right CR100™** – silica crystal media highly effective in reducing hardness, iron, manganese and raising pH levels of slightly acidic water.
- **Crystal-Right CR200™** – silica crystal media highly effective in reducing hardness, iron and manganese in a single process.

BRINE TANK

This durable brine tank is made of high-density polyethylene to resist corrosion and puncture. Larger tanks are available on all commercial systems. Safety floats standard in all brine tanks. Salt grids are optional.

System Specifications

	Model Number	Type of Media	Pipe Size *	Maximum Capacity/ Lbs of Salt	Medium Capacity/ Lbs of Salt	Minimum Capacity/ Lbs of Salt	1 Iron & Mang. Capacity	2 pH Capacity	3 Flow Rate		Mineral Quantity (Cu. Ft.)	4 Backwash Rate (GPM)
									Continuous @15 PSI Pressure Drop	Peak @25 PSI Pressure Drop		
IMLC	1354-A	Resin	1/1.25	75,000/38	65,000/23	50,000/15	1	7	24	32	2.5	3.2
	1354-B		1.5						30	40		
	1465-A	Resin	1/1.25	90,000/45	78,000/27	60,000/18	1	7	24	33	3	5.3
	1465-B		1.5						33	44		
	1665-A	Resin	1/1.25	120,000/60	104,000/36	80,000/24	1	7	25	34	4	6.5
	1665-B		1.5						36	50		
	1865-A	Resin	1/1.25	150,000/75	130,000/45	100,000/30	1	7	27	35	5	7.5
	1865-B		1.5						40	54		
	2162-B	Resin	1.5	210,000/105	182,000/63	140,000/42	1	7	43	58	7	13
2472-B	Resin	1.5	300,000/150	260,000/90	200,000/60	1	7	45	60	10	15	
IMLC1	1354-A	CR-100	1/1.25	37,000/21	34,000/16	28,000/9	10	6	24	32	2.5	7.5
	1354-B		1.5						30	40		
	1465-A	CR-100	1/1.25	52,000/30	47,000/22	40,000/13	10	6	24	33	3.5	9
	1465-B		1.5						33	44		
	1665-A	CR-100	1/1.25	67,000/39	60,000/29	51,000/17	10	6	25	34	4.5	13
	1665-B		1.5						36	50		
	1865-A	CR-100	1/1.25	81,000/47	74,000/35	62,000/20	10	6	27	35	5.5	15
	1865-B		1.5						40	54		
	2162-B	CR-100	1.5	104,000/60	94,000/45	79,000/26	10	6	43	58	7	20
2472-B	CR-100	1.5	148,000/90	134,000/64	113,000/37	10	6	45	60	10	25	
IMLC2	1354-A	CR-200	1/1.25	60,000/27	48,000/16	28,000/9	10	7	24	32	2.5	5.3
	1354-B		1.5						30	40		
	1465-A	CR-200	1/1.25	84,000/37	68,000/22	40,000/13	10	7	24	33	3.5	7.5
	1465-B		1.5						33	44		
	1665-A	CR-200	1/1.25	108,000/48	87,000/29	51,000/17	10	7	25	34	4.5	9
	1665-B		1.5						36	50		
	1865-A	CR-200	1/1.25	132,000/58	106,000/35	62,000/20	10	7	27	35	5.5	13
	1865-B		1.5						40	54		
	2162-B	CR-200	1.5	168,000/74	135,000/45	79,000/26	10	7	43	58	7	15
2472-B	CR-200	1.5	240,000/106	193,000/64	113,000/37	10	7	45	60	10	20	

* 1.25" valve body available with 1" yoke.

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 Flow rate based upon 1.25" yoke for 1.25" control valve. 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
		Softener	Brine Tank	Length	Width	Height	
IMLC	1354-A	13" x 54"	18" x 40"	31"	19"	64"	230 lbs
	1354-B						245 lbs
	1465-A	14" x 65"	18" x 40"	34"	19"	74"	290 lbs
	1465-B						305 lbs
	1665-A	16" x 65"	24" x 41"	41"	25"	73"	365 lbs
	1665-B						380 lbs
	1865-A	18" x 65"	24" x 41"	43"	25"	75"	460 lbs
	1865-B						475 lbs
	2162-B	21" x 62"	24" x 50"	47"	25"	75"	680 lbs
2472-B	24" x 72"	30" x 50"	56"	32"	82"	925 lbs	

1 Shipping weight is dry.



Your local water treatment professional:



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