

# 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:

