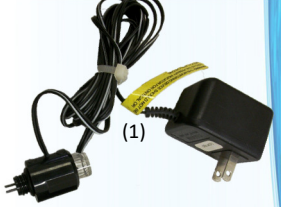
DI Tanks



Deionization removes the majority of dissolved ions and is ideal for RO polishing, spot free rinses, or any application requiring the lowest dissolved solids. Custom builds available. 1191 version includes a bypass and 1" 90 degree MIP connectors. Resilite version includes the 890 Resilite head with a 500K ohm Resilite quality tester. Accuracy is ± 15% and all Resilite systems include a transformer with a 9' cord.

DI Systems

Item #	1191 In/Out and Bypass	Rec. Peak	Ft^3
IOD-11-0918-DXG	9"x18"	≈2 GPM	.4
IOD-11-1018-DXG	10"x18"	≈3 GPM	.5
IOD-11-0844-DXG	8"x44"	≈4 GPM	1
IOD-11-0948-DXG	9"x48"	≈5 GPM	1.5
IOD-11-1054-DXG	10"x54"	≈6 GPM	2
IOD-11-1252-DXG	12"x52"	≈8 GPM	3
IOD-11-1354-DXG	13"x54"	≈10 GPM	3.5
IOD-11-1465-DXG	14"x65"	≈ 12 GPM	5
IOD-11-1665-DXG	16"x65"	≈15 GPM	6

Item #	3/4" In/Out with Resilite	Rec. Peak	Ft^3
IOD-11-0918-DXG	9"x18"	≈2 GPM	.4
IOD-11-1018-DXG	10"x18"	≈3 GPM	.5
IOD-11-0844-DXG	8"x44"	≈4 GPM	1
IOD-11-0948-DXG	9"x48"	≈5 GPM	1.5
IOD-11-1054-DXG	10"x54"	≈6 GPM	2
IOD-11-1252-DXG	12"x52"	≈8 GPM	3
IOD-11-1354-DXG	13"x54"	≈10 GPM	3.5
IOD-11-1465-DXG	14"x65"	≈ 12 GPM	5
IOD-11-1665-DXG	16"x65"	≈15 GPM	6

Many other sizes available.

1 cubic foot of new mixed bed DI resin has approximately 100,000 ppm capacity

Resilite Components

Item #	Description
39L-R7031-10K	120V 10K ohm-cm 1/2"
39L-R7031-20K	120V 20K ohm-cm 1/2"
39L-R7031-50K	120V 50K ohm-cm 1/2"
39L-R7031-200K (1)	120V 200K ohm-cm 1/2"
39L-R7031-500K	120V 500K ohm-cm 1/2"
39L-R7031-1MEG	120V 1 Meg ohm-cm 1/2"
39L-R7046-10K	120V 10K ohm-cm 3/4"
39L-R7046-20K	120V 20K ohm-cm 3/4"
39L-R7046-50K	120V 50K ohm-cm 3/4"
39L-R7046-200K	120V 200K ohm-cm 3/4"
39L-R7046-500K	120V 500K ohm-cm 3/4"
39L-R7046-1MEG	120V 1 Meg ohm-cm 3/4"
39L-R7009 (2)	In/Out Head 3/4"FNPT In/ Out/1/2" Resilite Port, 2½"-8 w/13/16" Riser
55H-402-005G	½" PVC Tee for ½" Resilite
55H-402-101G	¾" PVC Tee for ½" Resilite
55H-402-131G (3)	1" PVC Tee for ½" Resilite

Water Quality Conversion Chart

RESISTIVITY (ohm-cm)	CONDUCTIVITY (µS/cm)	≈TDS ± 15% (ppm)	Max/Min pH
18 MEG	0.056	.028	7.8/6.2
14 MEG	0.071	.036	7.9/6.1
10 MEG	0.1	.05	8.1/5.9
6 MEG	.167	.083	8.3/5.7
2 MEG	0.5	.25	8.8/5.2
1 MEG	1	.50	9.1/4.9
500K	2	1	9.4/4.6
200K	5	2.5	9.8/4.2
50K	20	10	10.4/3.6
20K	50	24	10.9/3.2
10K	100	48	11.2/2.9
5K	200	95	11.3/2.6
1K	1000	500	12.2/1.9