

# Water Conditioner Specifications

60 Series	63MAQ <sup>1</sup>	63BEQ <sup>1,2</sup>	63MXQ <sup>1</sup>	63MDQ	62AMQ <sup>1</sup>	62APQ <sup>1</sup>	62AKQ	62AJQ <sup>3</sup>
Max Compensated Hardness (gpg)	90	90	110	90 <sup>4</sup>	90	90	90	60
Iron (ppm) <sup>5</sup> ferrous-clear water Maximum ferrous iron reduction <sup>6</sup>	0	0	12 <sup>5</sup>	0	12 <sup>5</sup>	2-12 <sup>5,7</sup>	15	5
Minimum pH (standard units)	7	7	7	7	7	7	7	6.3
Tannin (ppm)	0	0	0	0-2	0	0	0	0
Sulfur (ppm)-SulfurStat	0	0	0	0	0	0-5 <sup>7</sup>	0	0
Maximum Chlorine (ppm)	0	3	0	0	0	0	0	0
Filtration-nominal rating (microns)	20	25	20	20	20	20	20	20
Media Amount Compartment #1 <sup>8</sup>	1.5 lb	2.0 lb	1.5 lb	1.5 lb	Empty	Empty	Empty	Empty
Media Amount Compartment #2 <sup>8</sup>	Empty	0.4 cu.ft.	0.6 cu.ft.	0.3 cu.ft.	6 lb	27 lb	0.4 cu.ft.	0.4 cu.ft.
Media Amount Compartment #3 Fine Mesh Cation Resin	1.06 cu.ft.	1.06 cu.ft.	1.06 cu.ft.	1.06 cu.ft.	1.06 cu.ft.	1.06 cu.ft.	1.06 cu.ft.	1.06 cu.ft.
Backwash Rate @ min. water pressure maximum flow to drain	2.4 <sup>9</sup>	3 <sup>9</sup>	2.4 <sup>9</sup>	2.4 <sup>9</sup>	5 <sup>9</sup>	Empty <sup>9,10</sup>	7 <sup>9</sup>	7 <sup>9</sup>
Brine Line Flow Control Refill (gpm)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Water Pressure (min-max psi)	20-120	20-120	20-120	20-120	20-120	30-120	30-120	30-120
Flow Rate @ 25 psi drop-as tested by Hague	19.5	19.5	17	17	23	19.6	19.6	20.5
Flow Rate @ 15 psi drop-as tested by Hague	11	13	10.5	10.5	11.2	10.6	10.6	12.5
Pressure Drop @ Service Flow Rate of 8 gpm	11 psi	11 psi	12 psi	12 psi	9 psi	10 psi	10 psi	11 psi
#1 Setting—Salt lb/grains removed	1.1/5,700	1.1/6,000	1.7/9,300	NA	1.1/5,700	NA	NA	NA
#2 Setting—Salt lb/grains removed	2.7/12,000	2.7/12,600	4.2/19,700	NA	2.7/12,000	NA	NA	2.7/11,900
#3 Setting—Salt lb/grains removed	6.2/23,400	6.2/24,600	9.6/38,300	8.5/23,100	6.2/23,400	6.2/24,600	6.2/23,100	6.2/23,100
#4 Setting—Salt lb/grains removed	9.3/30,600	9.3/32,100	14.4/50,100	10.7/30,300	9.3/36,300	9.3/32,100	9.3/30,300	9.3/30,300
#1 Salt Setting—Total length of reg. Min/gal	25/21	25/23	36/26	NA	25/31	NA	NA	NA
#2 Salt Setting—Total length of reg. Min/gal	28/22	28/24	39/28	NA	28/32	NA	NA	34/70
#3 Salt Setting—Total length of reg. Min/gal	32/24	31/27	46/31	47/31	31/35	37/78	37/78	37/78
#4 Salt Setting—Total length of reg. Min/gal	36/26	36/29	53/35	64/39	36/37	41/80	41/80	41/80
Shipping weight (lb)	135	152	168	152	140	167	160	180
Bacteriostatic-KDF® Process Media*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

## For All Models:

Use clean white pellet or solar salt.  
 Drain Line (Minimum I.D.) 1/2-inch  
 Height (inches) 38 1/4-inch  
 Salt storage capacity: 200 lb, 90 kg  
 Electrical rating: 115V, 60 cycle  
 Valve Inlet/Outlet 1-inch  
 Water Temperature (Min-Max) 40-120 F  
 Floor Space (inches) 15 x 30  
 Brine & Rinse total: 0.75 gpm  
 Brine Draw: 0.25 gpm  
 Rinse: 0.5 gpm  
 Iron reduction to 0.3 ppm or less.  
 (Not certified by WQA.)

\*Listed with the U.S. EPA as a Bacteriostatic Device U.S. EPA # 54369-OH-001. Not certified by WQA.

<sup>1</sup> Models 63MAQ, 63BEQ, 63MXQ, 62AMQ and 62APQ are certified by WQA for barium and radium reduction as verified and substantiated by test data. All other models are not certified by WQA and make no health claims.

<sup>2</sup> Municipally supplied chlorinated water only.

<sup>3</sup> Calcite will add additional hardness to water before softening.

<sup>4</sup> Any hardness over 10 gpg will increase the chance of calcium carbonate precipitation. As the hardness increases so does the chance of this precipitation. Must use citric acid to regenerate along with salt.

<sup>5</sup> Regeneration every 96 hours is required when iron is present in the raw water supply unless noted otherwise. Use Salt Setting #3 or #4.

<sup>6</sup> Iron reduction claims limited to 5 ppm in the state of Wisconsin.

<sup>7</sup> Must have a minimum of 2 ppm iron and a minimum of 200 ppm TDS.

<sup>8</sup> When adding media in the field, check for proper settings. (See *Specifications*, above.)

<sup>9</sup> Rate of flow must be verified at the end of 1/2-inch I.D. drain line.

<sup>10</sup> This model has no backwash flow control button or retainer. Must have a minimum of 7 gpm @ 30 psi available for proper backwash.

For the purposes of plumbing appliance sizing, only the rated service flow rate and corresponding pressure loss may be used. Prolonged operation of a water softener at flow rates exceeding the tested service flow rate may compromise performance.