

ERGO MINI WATER SOFTENER

Design Specifications		
Flow Rate @ 15 psid	9.5 gpm	36 Lpm
Pressure Range	25 – 125 psi	1.7 – 8.6 bar
Temperature Range	35 - 120° F	2 – 50 °C
Free Chlorine	≤ 1.0 mg/L	≤ 1.0 mg/L
Compensated Hardness	≤ 42 gpg	≤ 718 mg/L
Iron (ferrous)	< 0.5 mg/L	< 0.5 mg/L
Iron (ferric)	< 0.01 mg/L	< 0.01 mg/L
System Components		
Media Vessel (Qty. 1)	8" x 17"	203 mm x 432 mm
Media Vessel Construction	Fiberglass Wrapped Polyethylene	
Empty Bed Volume	0.37 cubic feet	10.5 liters
Media Type	Fine Mesh Cation Resin	
Media Volume (per tank)	0.37 cubic feet	10.5 liters
Total Bed Depth	17"	432 mm
Free Board	None	
Riser Tube	1.05" ABS	27 mm ABS
Upper Distributor	0.007" Slots, Cone Type	0.18 mm Slots, Cone Type
Lower Distributor	0.007" Slots, Cone Type	0.18 mm Slots, Cone Type
Regeneration Control	Volumetric	
Service Flow	Upflow	
Regeneration Flow	Downflow	
Regeneration Type	Countercurrent	
Hard Water By-pass During Regeneration	Automatic	
Salt Capacity (Pellet)	60 lbs.	27.2 kg
System By-pass	Optional	
Connections		
Inlet / Outlet Connections	Custom Adapter and Bracket	
Drain Connection	0.5" Quick Connect Tubing	
Brine Line Connection	0.375" Quick Connect Tubing	
Brine Tank Overflow	0.625" Tubing Barb	
Power	None	
Dimensions and Weight		
Height	24 in.	610 mm
Width	12 in.	305 mm
Depth	18 in.	457 mm
Shipping Weight	50 lbs.	22.7 kg
Operating Weight	130 lbs.	59.0 kg
Regeneration Specifications at 35 psi		
Offline Time during Regeneration Cycle	13.5 minutes	
Total Regeneration Cycle Time	15 minutes	
Total Regeneration Volume	6.6 gallons	25 liters
Salt Used per Regeneration	0.8 lbs.	0.36 kg
Salt Dose	2.1 lbs./cu. ft.	33.7 grams NaCl/liter resin
System Capacity	3,660 grains	237 grams
Backwash Flow Rate	1.0 gpm	3.78 Lpm

