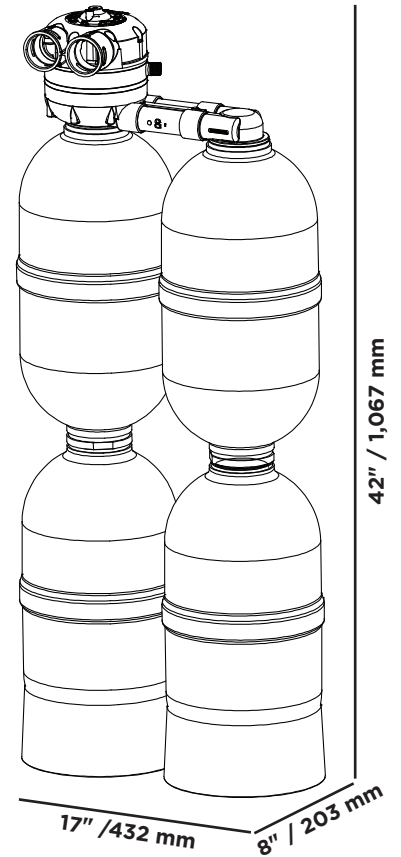
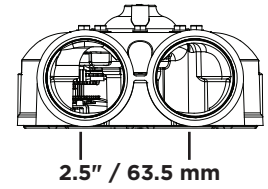


**Model Q850 OD XP**

Design Specifications		
Flow Range (15/30 psig / 1-2 Δ bar)	11.0 - 15.0 gpm	41.6 - 56.8 Lpm
Flow Configuration	Overdrive	
Pressure Range	25 - 125 psi Dynamic Pressure	2.0 - 8.6 bar Dynamic Pressure
Temperature Range	35 - 120° F	2 - 49° C
pH Range	5 - 10 SU	
Free Chlorine Cl <sub>2</sub> (Max.)	4.0 mg/L	
Hardness as CaCO <sub>3</sub> (Max.)	42 gpg	718 mg/L
System Components		
Upper Media Vessel (Qty. 2)	8" x 17"	203 mm x 432 mm
Vessel Construction	Fiberglass Wrapped Engineered Plastic	
Empty Bed Volume	0.40 ft <sup>3</sup>	11 L
Media Volume	0.40 ft <sup>3</sup>	11 L
Media Type	Fine Mesh Cation Resin	
Lower Media Vessel (Qty. 2)	8" x 17"	203 mm x 432 mm
Vessel Construction	Fiberglass Wrapped Engineered Plastic	
Empty Bed Volume	0.40 ft <sup>3</sup>	11 L
Media Volume	0.40 ft <sup>3</sup>	11 L
Media Type	Activated Carbon	
Riser Tube	1" ABS	25 mm ABS
Upper Distributor	0.014" Slots, Engineered Plastic Basket	0.36 mm Slots, Engineered Plastic Basket
Lower Distributor	0.009" Slots, Stainless Steel Flat Plate	0.23 mm Slots, Stainless Steel Flat Plate
Service Flow	Upflow	
Regeneration Control	Non-electric Use Meter	
Regeneration Type	Countercurrent	
Metering Flow Range	0.30 - 25.0 gpm	1.1 - 94.6 Lpm
Connections		
Inlet / Outlet Connection	Custom E-clip Adapter	
Drain Connection	0.5" Tube	
Brine Line Connection	0.375" Tube	
Power	None	
System Part Numbers		
Premier Q850 OD XP, no brine drum		16539
Premier Q850 OD XP, 16" x 20" brine drum		16929
Premier Q850 OD XP, 18" x 35" brine drum		16926
Dimensions and Weight		
Height	42 in	1,067 mm
Width	17 in	432 mm
Depth	8 in	203 mm
Shipping Weight	160 lb	73 kg
Operating Weight	200 lb	91 kg
Regeneration Specifications		
Regeneration Volume	13 gal	49 L
Regeneration Time	11 min	
Backwash Flow Control	3.50 gpm	13.2 Lpm
Brine Refill Flow Control	0.40 gpm	1.5 Lpm



**Brine Tank Options**

Tank Description	12" x 16" x 20"		18" x 35"	
Brine Tank Part Number	7202		7938A	
Tank Height	20"	51 cm	35"	89 cm
Tank Footprint	12" x 16"	30 x 41 cm	18" DIA	46 cm DIA
Material	HDPE		HDPE	
Salt Capacity	50 lb	23 kg	250 lb	114 kg

Salt Setting		Capacity		Efficiency		Dosing	
0.8 lb†	0.36 kg†	4,338 grains	281 grams	5,423 grains/lb	775 grams/kg	2.0 lb/ft <sup>3</sup>	0.03 kg/L
1.0 lb*	0.45 kg*	5,100 grains	330 grams	5,100 grains/lb	729 grams/kg	2.5 lb/ft <sup>3</sup>	0.04 kg/L

\*Not a certified setting by WQA  
 † 0.8 salt setting is only available with the 12" x 16" x 20" brine drum.