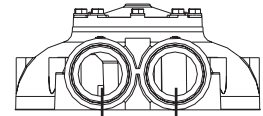


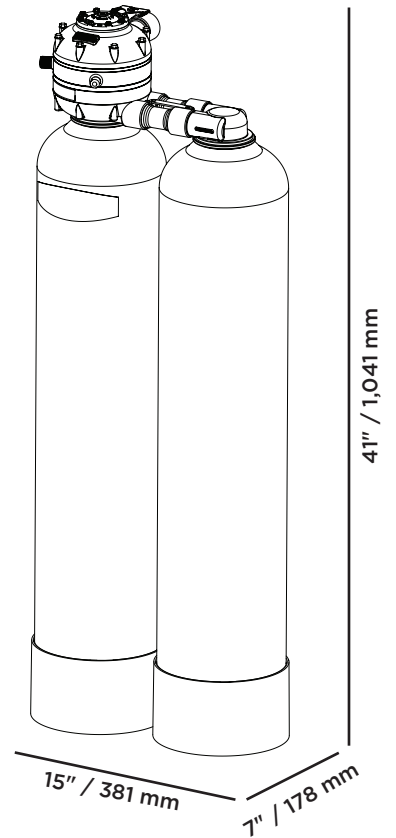
System Data Sheets

Model 735

Design Specifications		
Flow Range (15/30 psig / 1-2 Δ bar)	8 - 12 gpm	30 - 45 Lpm
Flow Configuration	Alternating	
Pressure Range	15 - 125 psi Dynamic Pressure	1.0 - 8.6 bar Dynamic Pressure
Temperature Range	35 - 120° F	2 - 50° C
pH Range	5 -10 SU	
Free Chlorine Cl ₂ (Max.)	2.0 mg/L	
Hardness as CaCO ₃ (Max.)	40 gpg	684 mg/L
System Components		
Media Vessel (Qty. 2)	7" x 35"	178 mm x 889 mm
Media Vessel Construction	Wrapped Polyethylene	
Empty Bed Volume	0.70 ft ³	19.8 L
Media Type	Standard Mesh Cation Resin	
Media Volume	0.50 ft ³	14.2 L
Total Bed Depth	23"	584 mm
Free Board	12"	305 mm
Riser Tube	1" ABS	
Upper Distributor	0.014" Slots, ABS Basket	0.36mm Slots, ABS Basket
Lower Distributor	0.014" Slots, ABS Basket	0.36mm Slots, ABS Basket
Under Bedding	None	
Regeneration Control	Non-electric Use Meter	
Regeneration Type	Countercurrent	
Metering Flow Range	0.5 - 15.0 gpm	1.90 - 57 Lpm
Connections		
Inlet / Outlet Connection	Custom Adapter and Bracket	
Drain Connection	0.5" Tube	
Brine Line Connection	0.375" Tube	
Power	None	
System Part Numbers		
Signature 735, 18" x 35" brine drum	15063	
Signature 735, no brine drum	15064	
Dimensions and Weight		
Height	41 in	1,041 mm
Width	15 in	381 mm
Depth	7 in	178 mm
Shipping Weight	105 lb	47.6 kg
Operating Weight	140 lb	64 kg
Regeneration Specifications		
Regeneration Volume	29 gal	110 L
Regeneration Time	40 min	
Backwash Flow Control	1.40 gpm	5.3 Lpm
Brine Refill Flow Control	0.40 gpm	1.5 Lpm



1.75" / 44.5 mm



41" / 1,041 mm

15" / 381 mm

7" / 178 mm



Brine Tank Options

Tank Description	12" x 16" x 20"		12" x 40"		18" x 35"	
	7202		1479B		7938A	
Brine Tank Part Number	7202		1479B		7938A	
Tank Height	20"	51 cm	40"	102 cm	35"	89 cm
Tank Footprint	12" x 16"	30 x 41 cm	12" DIA	30 cm DIA	18" DIA	46 cm DIA
Material	HDPE		HDPE		HDPE	
Salt Capacity	50 lb	23 kg	100 lb	45 kg	250 lb	114 kg

Salt Setting				Capacity				Efficiency				Dosing				Meter Disc							
																1	2	3	4	5	6	7	8
1.8 lb*	0.82 kg*	7,515 grains	487 grams	4,175 gr/lb	596 grams/kg	3.8 lb/ft ³	0.06 kg/l	4	8	12	16	20	23	26	30								
3.0 lb*	1.36 kg*	10,614 grains	688 grams	3,538 gr/lb	505 grams/kg	6.4 lb/ft ³	0.10 kg/l	5	11	17	22	27	31	36	40								
								Gallons Between Regenerations	1,200	600	400	300	250	200	171	150							
								Liters Between Regenerations	4,543	2,271	1,514	1,136	946	757	647	568							

*Setting certified by WQA