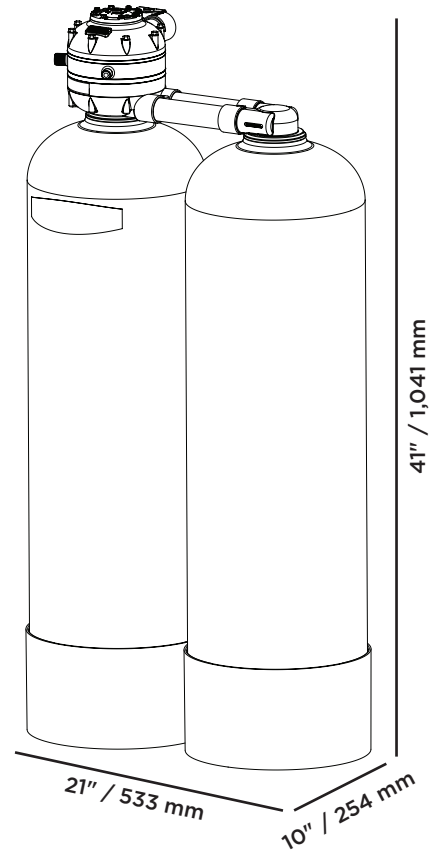
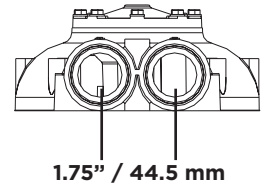


Model 1035

Design Specifications		
Flow Range (15/30 psig / 1-2 Δ bar)	10 - 15 gpm	38 - 57 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.)	80 gpg	1,368 mg/L
System Components		
Media Vessel (Qty. 2)	10" x 35"	254 mm x 889 mm
Media Vessel Construction	Wrapped Polyethylene	
Empty Bed Volume	1.3 ft ³	36.8 L
Media Type	Standard Mesh Cation Resin	
Media Volume	1.0 ft ³	28.3 L
Total Bed Depth	23"	584 mm
Free Board	12"	305 mm
Riser Tube	1" ABS	25 mm 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	1.9 - 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 1035, 18" x 35" brine drum	15105	
Signature 1035, no brine drum	15107	
Dimensions and Weight		
Height	41 in	1,041 mm
Width	21 in	381 mm
Depth	10 in	254 mm
Shipping Weight	170 lb	77 kg
Operating Weight	220 lb	100 kg
Regeneration Specifications		
Regeneration Volume	42 gal	159 L
Regeneration Time	45 minutes	
Backwash Flow Control	2.00 gpm	7.6 Lpm
Brine Refill Flow Control	0.40 gpm	1.5 Lpm



Brine Tank Options

Tank Description	12" x 16" x 20"		12" x 40"		18" x 35"		
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				
4.4 lb*	2.0 kg*	18,371 grains	1,190 grams	4.175 gr/lb	596 grams/kg	4.0 lb/ft ³	0.06 kg/l	9	18	26	34	41	48	54	60
5.9 lb*	2.7 kg*	21,276 grains	1,379 grams	3,606 gr/lb	515 grams/kg	6.0 lb/ft ³	0.10 kg/l	12	24	34	45	54	63	72	80
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