

Performance Bulletin

May 2008

7000 Sizing Instructions

In order to help our customers when sizing a 7000 valve, this performance bulletin shows how to choose the injector, BLFC (Brine Line Flow Control), and DLFC (Drain Line Flow Control). This will guarantee a higher performing and more efficient 7000 system. If these components are sized incorrectly, the customer might experience problems with brine draw or refill. When configuring a filter to a softener, or vice versa, the piston must also be changed.

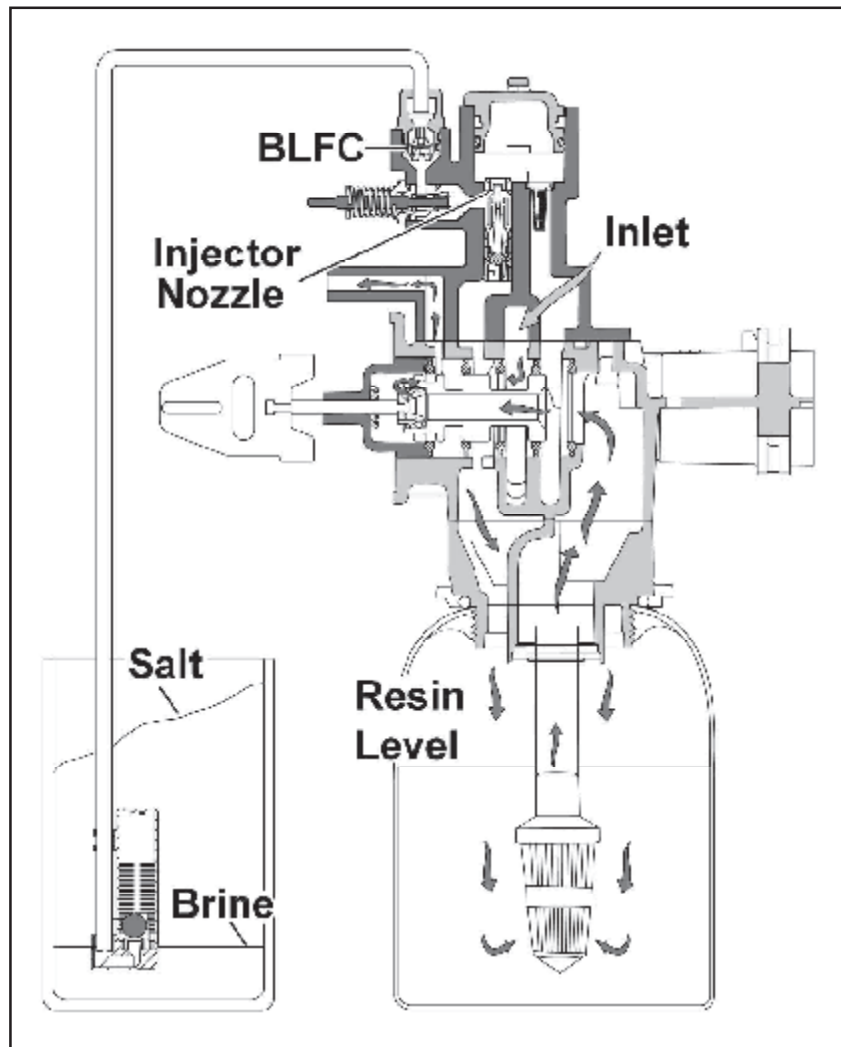
Chart for Sizing a 7000 System (based on C249 resin, 5 GPM/FT²):

Tank Diameter	Injector Size	Allowable BLFC Size (In GPM)				DLFC (In GPM)
8	#000 (Brown)	.125				1.5
9	#00 (Violet)	.125				2.0
10	#00 (Violet)	.125	.25			2.4
12	#0 (Red)	.125	.25			3.5
13	#0 (Red)	.125	.25			4.0
14	#1 (White)	.125	.25			5.0
16	#1 (White)	.125	.25			7.0
18	#2 (Blue)	.125	.25	.50		9.0
20	#4 (Green)	.125	.25	.50		10.0
21	#4 (Green)	.125	.25	.50		12.0
22	#5 (Gray)	.125	.25	.50	1.0	12.0
24	#5 (Gray)	.125	.25	.50	1.0	15.0

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One of the benefits of the 7000 is the treated water brine refill. The raw water runs down through the media (or resin bed), up through the injector assembly, and then through the BLFC. The treated water runs through the injector before the BLFC, therefore the BLFC must be sized smaller than the injector flow rates to be accurate in determining how much treated water is being placed in the brine tank. Please refer to the sizing chart on the previous page for additional information.



Thank you, we appreciate and value your continued business.

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