

Performance Bulletin

June 2007

7000, ProFloSE & TwinFlo100E Injector & BLFC Information

The 7000, ProFloSE and TwinFlo100E valves all use the 1610 injector, which refills the brine tank with only treated water. The check ball below the 1610 injector prevents untreated water from entering through the throat for refill. The treated water is directed through the nozzle of the injector.

Since refill is done only through the nozzle of the injector, it restricts the refill flow rate. This results in the maximum flow rate for the refill being based on the injector size.

Using treated water instead of untreated water to refill the brine tank helps keep the brine tank and brine system clean, leading to improved performance.

Please refer to the chart below for recommended sizes for the maximum B.L.F.C. for the injector size.

Injector Size	Maximum BLFC
#0000	0.125
#000	0.125
#00	0.125
0	0.25
1	0.25
2	0.5
3	0.5
4	0.5
5	1.0