

# Softener Drain Line Flow Control and Injector Sizing

Drain Line Fitting	Drain Line Flow Control Order No.	Number on Drain Line Flow Control	Backwash Flow Rate (gpm)	Backwash Flow Rate (lpm)
3/4"	V3162-007	007	0.7	2.6
3/4"	V3162-010	010	1.0	3.8
3/4"	V3162-013	013	1.3	4.9
3/4"	V3162-017	017	1.7	6.4
3/4"	V3162-022	022	2.2	8.3
3/4"	V3162-027	027	2.7	10.2
3/4"	V3162-032	032	3.2	12.1
3/4"	V3162-042	042	4.2	15.9
3/4"	V3162-053	053	5.3	20.1
3/4"	V3162-065	065	6.5	24.6
3/4"	V3162-072	075	7.5	28.4
3/4"	V3162-090	090	9.0	34.1
3/4"	V3162-100	100	10.0	37.9
1"	V3190-090	090	9.0	34.1
1"	V3190-100	100	10.0	37.9
1"	V3190-110	110	11.0	41.6
1"	V3190-130	130	13.0	49.2
1"	V3190-150	150	15.0	56.8
1"	V3190-170	170	17.0	64.3
1"	V3190-200	200	20.0	75.7
1"	V3190-250	250	25.0	94.6

## Injector Color & Sizing by Tank Diameter

Injector Order Number	Injector Color	Typical Tank Diameter	
		Down (WS1 & WS1.25)	Up
V3010-1A	Black	6"	8"
V3010-1B	Brown	7"	9"
V3010-1C	Violet	8"	10"
V3010-1D	Red	9"	12"
V3010-1E	White	10"	13"
V3010-1F	Blue	12"	14"
V3010-1G	Yellow	13"	16"
V3010-1H	Green	14"	18"
V3010-1I	Orange	16"	22"
V3010-1J	Light Blue	18"	
V3010-1K	Light Green	22"	

## Typical DLFC for Softeners

Common Size	Flow Rates	DLFC Order No.
8"	1.7 GPM	V3162-017
9"	2.2 GPM	V3162-022
10"	2.7 GPM	V3162-027
12"	3.2 GPM	V3162-032
13"	4.2 GPM	V3162-042



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