

NOZZLE SPECIFICATIONS

Nozzle Flow Rate @ 1000 PSI

Orifice Size inch	Spray Angle	Droplet Size	Flow GPM
.004	45	3μ	.008
.006	55	5μ	.013
.008	70	6μ	.020
.010	80	7μ	.024
.012	85	8μ	.028
.014	90	10μ	.034
.016	90	11μ	.040
.020	95	13μ	.050
.024	95	17μ	.056
.028	100	20μ	.064



Operating at 1000 PSI use Anti-Drip Nozzles with 100 PSI Spring.

Operating at 300 PSI and below use Low Pressure Anti-Drip Nozzles with 35 PSI Spring or non anti drip nozzles.

Nozzle Flow Rate @ 300 PSI

Orifice Size inch	Spray Angle	Droplet Size	Flow GPM
.008	40	33μ	.014
.010	60	27μ	.017
.012	70	22μ	.020
.014	80	23μ	.024
.016	85	24μ	.027
.020	100	23μ	.029
.024	115	26μ	.044
.028	110	22μ	.039

Pump Size: Calculate Number of Nozzles x Nozzle Flow Rate = GPM Required



Nozzle Flow Rate @ 150 PSI

Orifice Size inch	Spray Angle	Droplet Size	Flow GPM
.008	30	32μ	.008
.010	45	31μ	.012
.012	60	30μ	.014
.014	65	30μ	.019
.016	70	38μ	.021
.020	90	29μ	.021
.024	100	32μ	.029
.028	100	33μ	.027



Nozzle Flow Rate @ 70 PSI

Orifice Size inch	Spray Angle	Droplet Size	Flow GPM
.008	20	48μ	.007
.010	30	47μ	.009
.012	35	46μ	.010
.014	45	46μ	.012
.016	55	46μ	.014
.020	75	47μ	.016
.024	90	44μ	.023
.028	100	49μ	.020