

## 100 SERIES

### TAPER BORE NOZZLE: 24° Trajectory

Pressure PSI	0.5 in 12.7 mm		0.55 in 14.0 mm		0.6 in 15.2 mm		0.65 in 16.5 mm		0.7 in 17.8 mm		0.75 in 19.1 mm		0.8 in 20.3 mm		0.85 in 21.6 mm		0.9 in 22.9 mm		1 in 25.4 mm	
	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)
40	47	96	57	101	66	107	78	111	91	115	103	120	118	125	134	128	152	131	-	-
50	50	103	64	108	74	113	87	118	100	123	115	128	130	133	150	137	165	140	204	150
60	55	108	69	114	81	120	96	125	110	130	126	135	143	140	164	144	182	148	224	158
70	60	113	75	119	88	125	103	132	120	138	136	142	155	148	177	151	197	155	243	169
80	64	118	79	124	94	130	110	137	128	143	146	148	165	153	189	157	210	163	258	177
90	68	123	83	129	100	135	117	142	135	148	155	153	175	158	201	163	223	168	274	181
100	72	128	87	134	106	140	123	147	143	153	163	158	185	163	212	168	235	173	289	186
110	76	133	92	139	111	145	129	152	150	158	171	162	195	168	222	172	247	178	304	190

### TAPER RING NOZZLE: 24° Trajectory

Pressure PSI	0.50 in 12.7 mm		0.55 in 14.0 mm		0.63 in 16.0 mm		0.67 in 17.0 mm		0.71 in 18.0 mm		0.75 in 19.0 mm		0.79 in 20.0 mm		0.83 in 21.0 mm		0.87 in 22.0 mm		0.91 in 23.0 mm		0.94 in 24.0 mm	
	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)
40	43	94	53	98	67	106	76	110	86	113	98	117	110	121	125	125	136	127	151	130	166	138
50	48	99	59	105	75	112	85	116	97	120	110	125	123	129	139	133	152	136	169	140	185	144
60	53	107	65	112	83	120	94	123	106	127	120	132	135	137	153	141	167	143	186	147	203	152
70	57	111	70	117	89	125	101	130	114	134	130	139	146	143	165	148	180	150	200	155	219	160
80	61	114	75	121	95	130	108	135	122	139	139	144	156	149	176	153	193	157	214	162	235	168
90	65	119	80	125	101	134	115	139	130	145	147	150	166	154	187	159	204	162	227	167	249	173
100	69	124	84	130	107	139	121	144	137	149	155	154	175	159	197	164	216	167	240	172	262	178
110	72	129	88	135	112	144	127	149	143	154	163	159	183	163	207	168	226	171	251	177	275	182

### RING NOZZLE: 24° Trajectory

Pressure PSI	0.604 in 15.3 mm		0.71 in 18.0 mm		0.77 in 19.6 mm		0.81 in 20.6 mm		0.86 in 21.8 mm		0.89 in 22.6 mm		0.93 in 23.6 mm		0.96 in 24.4 mm	
	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)	gpm	Rad. (ft)
40	47	93	66	104	78	106	91	108	103	112	118	118	134	119	152	121
50	52	100	74	110	88	113	100	115	115	120	129	125	150	128	167	130
60	57	105	81	118	96	120	110	123	125	130	141	135	164	138	183	140
70	61	110	88	123	104	125	118	130	135	138	152	145	177	148	198	150
80	65	115	94	128	111	133	127	138	145	143	163	150	189	153	211	158
90	69	120	99	133	117	138	134	143	154	148	173	155	201	158	224	163
100	72	123	105	135	124	140	142	148	162	153	182	160	212	163	236	168
110	75	125	110	138	130	145	149	153	170	158	191	163	222	168	248	173