



APPLICATIONS

- Dust control
 - Feedlots
 - Mines
 - Quarries
 - Arenas
 - Construction sites
- Wastewater
- Fire Suppression
- Pivot end gun
- Hose reel traveller
- Portable/solid set

FEATURES

- Delivers high volume in short time
- Heavy duty-construction ensures long wear life and reliability
- Rugged durability in dirty and corrosive conditions.
- Large nozzles less likely to plug
- All ball bearings are sealed
- Great range of pressure, flow rates, trajectories, and connections
- Available in part circle and full circle models
- Easy to operate, maintain and repair

SPECIFICATIONS



75 Series

- ☉ 25-160 GPM
- ☉ 25-80 psi
- ☉ 75-140 ft
- ☉ 18°, 21°, 24°, 43°



100 Series

- ☉ 40-300 GPM
- ☉ 40-110 psi
- ☉ 90-190 ft
- ☉ 18°, 21°, 24°, 43°, 15-45° adj



Nozzles

Taper Bore
Taper Ring
Ring



150 Series

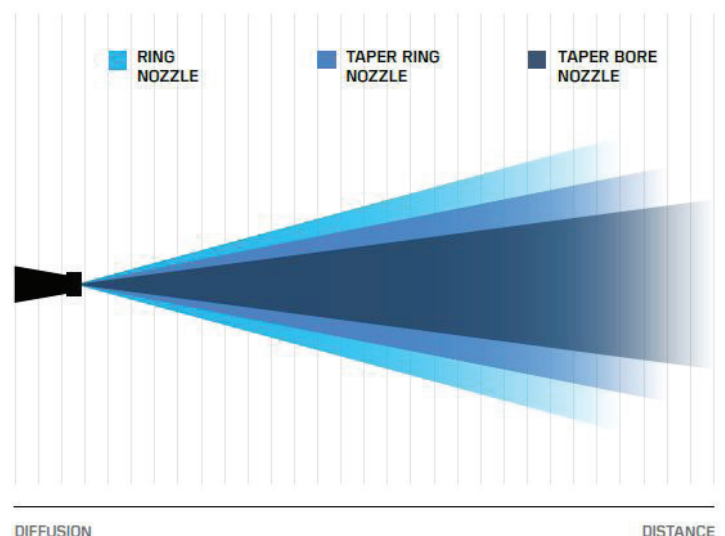
- ☉ 90-630 GPM
- ☉ 50-120 psi
- ☉ 120-240 ft
- ☉ 21°, 24°, 27°, 43°, 15-45° adj



200 Series

- ☉ 230-1200 GPM
- ☉ 50-130 psi
- ☉ 160-310 ft
- ☉ 21°, 24°, 27°

Stream Diffusion



PERFORMANCE

■ TAPER RING NOZZLE: 24° Trajectory **75 Series**

Pressure PSI	0.4 in 10.2 mm		0.45 in 11.4 mm		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	
	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)
25	-	-	-	-	-	-	42	73	50	78	59	81	69	84	80	87	91	91
30	-	-	-	-	37	79	45	79	55	83	64	86	75	91	87	94	99	96
35	-	-	32	77	40	82	49	86	59	89	69	96	81	98	93	101	106	104
40	27	75	35	80	43	86	52	90	63	95	74	99	87	102	98	107	112	111
45	29	78	37	84	46	90	56	95	67	99	79	103	91	107	104	112	118	115
50	30	81	39	87	48	93	59	98	70	102	83	106	95	110	109	115	123	119
55	32	83	41	90	50	97	62	102	74	107	87	111	100	115	115	120	130	124
60	33	85	42	92	53	99	64	104	77	110	91	114	104	119	120	123	136	127
65	35	86	44	95	55	103	67	108	80	114	95	119	109	124	125	127	142	132
70	36	88	45	97	57	105	69	111	83	116	98	122	113	127	129	130	147	135
75	37	90	47	101	59	109	72	114	86	120	101	125	117	131	134	134	153	139
80	39	91	49	104	61	111	74	117	89	122	105	128	121	133	138	137	158	142

■ TAPER BORE NOZZLE: 24° Trajectory **100 Series**

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 BORE NOZZLE: 24° Trajectory **150 Series**

Pressure PSI	0.7 in 17.8 mm		0.8 in 20.3 mm		0.9 in 22.9 mm		1 in 25.4 mm		1.1 in 27.9 mm		1.2 in 30.5 mm		1.3 in 33.0 mm		1.4 in 35.6 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)
50	100	125	130	135	165	145	205	155	255	165	300	173	350	180	408	187
60	110	133	143	143	182	153	225	163	275	173	330	183	385	190	446	198
70	120	140	155	150	197	160	245	170	295	180	355	190	415	198	483	206
80	128	145	165	155	210	168	260	178	315	188	380	198	445	205	516	214
90	135	150	175	160	223	173	275	183	335	195	405	205	475	213	547	221
100	143	155	185	165	235	178	290	188	355	200	425	210	500	220	577	229
110	150	160	195	170	247	183	305	193	370	205	445	215	525	225	605	236
120	157	165	204	175	258	188	320	198	385	210	465	220	545	230	632	241

■ TAPER BORE NOZZLE: 27° Trajectory **200 Series**

Pressure PSI	1.05 in 26.7 mm		1.1 in 27.9 mm		1.2 in 30.5 mm		1.3 in 33.0 mm		1.4 in 35.6 mm		1.5 in 38.1 mm		1.6 in 40.6 mm		1.75 in 44.5		1.9 in 48.3 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)
60	250	173	285	178	330	188	385	195	445	205	515	215	585	223	695	235	825	248
70	270	180	310	190	355	198	415	205	480	215	555	225	630	233	755	248	890	258
80	290	188	330	198	380	205	445	215	515	225	590	235	675	243	805	258	950	268
90	310	195	350	205	405	213	475	223	545	233	625	243	715	253	855	268	1005	278
100	325	200	370	210	425	220	500	230	575	240	660	250	755	260	900	275	1060	288
110	340	205	390	215	445	225	525	235	605	248	695	258	790	268	945	283	1110	295
120	355	210	405	220	465	230	545	240	630	253	725	265	825	275	985	290	1160	303
130	370	213	425	223	485	233	565	243	655	258	755	270	860	280	1025	295	1210	310

Other trajectories available on request.