

8400pc

Brass part / full circle impact sprinklers, 1 1/4" male

- High water distribution with spacing to 36m
- Made from high quality brass
- Stainless steel spring
- Adjustable diffuser pin
- 23 degree trajectory
- Stainless steel stops for easy arc adjustment
- Stream straighteners ensure superior wind performance



Performance Table - 8400pc

Full/part circle, over under nozzles, with plug instead of inner nozzle

Full/part circle, over under nozzle

Nozzle mm	P bar	P psi	P kpa	Q m3/h	Q l/m	Radius
8.70	3.9	55	390	5.7	95	22.3
	4.2	60	420	5.9	98	22.9
	4.6	65	460	6.1	101	23.5
	4.9	70	490	6.1	101	24.4
	5.3	75	530	6.6	110	24.7
	5.6	80	560	6.9	115	24.7
	6.0	85	600	7.1	118	24.7
9.50	6.3	90	630	7.4	123	25.3
	6.7	95	670	7.5	125	25.9
	3.9	55	390	6.7	111	22.9
	4.2	60	420	7.0	116	24.1
	4.6	65	460	7.3	121	24.7
	4.9	70	490	7.6	126	25.3
	5.3	75	530	7.9	131	25.9
10.30	5.6	80	560	8.1	135	26.2
	6.0	85	600	8.2	136	26.5
	6.3	90	630	8.7	138	27.1
	6.7	95	670	8.9	148	27.1
	3.9	55	390	7.5	127	22.9
	4.2	60	420	7.8	130	23.2
	4.6	65	460	8.1	135	23.5
11.10	4.9	70	490	8.5	141	23.5
	5.3	75	530	8.7	138	23.5
	5.6	80	560	9.1	151	23.8
	6.0	85	600	9.4	156	24.1
	6.3	90	630	9.6	160	24.1
	6.7	95	670	9.8	163	24.1
	3.9	55	390	9.0	150	25.3
12.70	4.2	60	420	9.4	156	26.2
	4.6	65	460	9.8	163	26.5
	4.9	70	490	10.2	170	27.1
	5.3	75	530	10.6	176	27.4
	5.6	80	560	10.9	181	27.7
	6.0	85	600	11.4	190	28.3
	6.3	90	630	11.7	195	29.0
12.70	6.7	95	670	12.0	200	29.3
	3.9	55	390	11.5	191	27.1
	4.2	60	420	12.0	200	27.7
	4.6	65	460	12.6	210	28.3
	4.9	70	490	13.1	218	28.7
	5.3	75	530	13.5	225	29.3
	5.6	80	560	14.3	238	30.8
12.70	6.0	85	600	14.4	240	31.1
	6.3	90	630	14.6	243	31.4
	6.7	95	670	15.2	253	32.0

Nozzle mm	P bar	P psi	P kpa	Q m3/h	Q l/m	Radius
8.70 x 5.60	3.9	55	390	7.9	131	22.3
	4.2	60	420	8.3	137	22.9
	4.6	65	460	8.6	138	23.5
	4.9	70	490	8.8	139	24.4
	5.3	75	530	9.3	155	24.7
	5.6	80	560	9.7	162	24.7
	6.0	85	600	9.9	164	24.7
9.50 x 5.60	6.3	90	630	10.0	168	25.3
	6.7	95	670	10.4	174	25.9
	3.9	55	390	8.1	135	22.9
	4.2	60	420	8.5	141	24.1
	4.6	65	460	8.8	146	24.7
	4.9	70	490	9.0	150	25.3
	5.3	75	530	9.5	158	25.9
10.30 x 5.60	5.6	80	560	9.8	158	26.2
	6.0	85	600	10.2	170	26.5
	6.3	90	630	10.5	175	27.1
	6.7	95	670	10.7	178	27.1
	3.9	55	390	9.9	159	22.9
	4.2	60	420	10.6	177	23.2
	4.6	65	460	11.0	182	23.5
11.10 x 5.60	4.9	70	490	11.4	190	23.5
	5.3	75	530	11.9	198	23.5
	5.6	80	560	12.3	205	23.8
	6.0	85	600	12.7	211	24.1
	6.3	90	630	13.2	220	24.1
	6.7	95	670	13.5	225	24.1
	3.9	55	390	11.2	184	25.3
12.70 x 5.60	4.2	60	420	11.7	193	26.2
	4.6	65	460	12.2	202	26.5
	4.9	70	490	12.7	211	27.1
	5.3	75	530	13.2	219	27.4
	5.6	80	560	13.6	226	27.7
	6.0	85	600	14.1	236	28.3
	6.3	90	630	14.5	241	29.0
12.70	6.7	95	670	14.9	246	29.3
	3.9	55	390	14.5	241	27.1
	4.2	60	420	15.2	253	27.7
	4.6	65	460	15.9	264	28.3
	4.9	70	490	16.5	274	28.7
	5.3	75	530	17.1	284	29.3
	5.6	80	560	17.2	285	30.8
12.70	6.0	85	600	18.3	304	31.1
	6.3	90	630	19.0	317	31.4
	6.7	95	670	19.3	320	32.0

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