

300 Fixed-Radius Nozzle Performance Chart

					360°	270°	225°	202.5°	180°	157.5°	135°	112°	90°
													
Nozzle	kPa	Radius (m)	Prec. Rate* △ □		Flow (at Designated Arcs) (Lpm)								
01	250	4.9	25.4	22.0	8.8	6.6	5.5	4.9	4.4	3.9	3.3	2.8	2.2
	350	5.5	25.2	21.8	11.0	8.3	6.9	6.2	5.5	4.8	4.1	3.4	2.8
02	250	6.5	18.2	15.7	11.1	8.3	6.9	6.2	5.5	4.8	4.2	3.5	2.8
	350	7.4	16.4	14.2	13.0	9.8	8.1	7.3	6.5	5.7	4.9	4.1	3.3
03	250	8.6	19.5	16.9	20.9	15.7	13.1	11.7	10.4	9.1	7.8	6.5	5.2
	350	9.2	20.1	17.4	24.6	18.5	15.4	13.8	12.3	10.8	9.2	7.7	6.2
63§	250	8.6	9.8	8.5	10.5	7.8	6.5	5.9	5.2	4.6	3.9	3.3	2.6
	350	9.2	10.1	8.7	12.3	9.2	7.7	6.9	6.2	5.4	4.6	3.9	3.9
93§	250	8.6	14.7	12.7	15.7	11.7	9.8	8.8	7.8	6.9	5.7	4.9	3.9
	350	9.2	15.1	13.1	18.5	13.9	11.5	10.4	9.2	8.1	6.9	5.8	4.6

§ Indicates low flow

Omni™ Adjustable Radius Nozzle Performance Chart Standard

				360°	270°	225°	202.5°	180°	157.5°	135°	112°	90°
												
(kPa)	Radius (m)	Prec. Rate* △ □		Flow (at Designated Arcs) (Lpm)								
250	4.5	44.1	38.2	12.9	9.7	8.1	7.3	6.5	5.7	4.9	4.0	3.2
	5	39.0	33.8	14.1	10.6	8.8	8.0	7.1	6.2	5.3	4.4	3.5
	6	31.9	27.6	16.6	12.5	10.4	9.3	8.3	7.3	6.2	5.2	4.2
	7	27.0	23.3	19.1	14.3	11.9	10.7	9.6	8.4	7.2	5.9	4.8
350	8	24.0	20.8	22.2	16.7	13.9	12.5	11.1	9.7	8.3	6.9	5.6
	6	36.9	31.9	19.2	14.4	12.0	10.8	9.6	8.4	7.2	6.0	4.8
	7	31.3	27.1	22.2	16.7	13.9	12.5	11.1	9.7	8.3	6.9	5.6
	8	27.2	23.6	25.2	18.9	15.7	14.2	12.6	11.0	9.4	7.8	6.3
	9	24.1	20.9	28.2	21.1	17.6	15.8	14.1	12.3	10.6	8.8	7.0
	10	21.6	18.7	31.2	23.4	19.5	17.5	15.6	13.6	11.7	9.7	7.8

△ Precipitation rates are for triangular spacing, shown in millimetres per hour, calculated at 50% of diameter.
 □ Precipitation rates are for square spacing, shown in millimetres per hour, calculated at 50% of diameter.
 All performance specifications are based on the stated working pressure available at the base of the sprinkler.

300 Series Shrub
(360° Arc Disc)
(Model No. 300-10-15COM)

Nozzle	kPa	Lpm	Radius (m)
01	350	7.9	4.3
01	500	10.8	4.8
02	350	9.5	7.0
02	500	13.5	7.6
03	350	17.4	8.2
03	500	23.0	8.8
63	350	10.2	8.6
63	500	14.0	9.1
93	350	14.0	8.9
93	500	19.4	9.4
Omni (Min)	350	10.2	4.9
Omni (Min)	500	14.5	5.4
Omni (Max)	350	21.1	9.2
Omni (Max)	500	23.8	10

Apex at 350kPa
– Metric

Nozzle	27°
	Maximum Ht. of Spray
01	1.47m
02	1.55m
03	1.8m
63	2.1m
93	1.9m

Omni Nozzle –
Adjusts from
4.6 to 9m

Multi-Stream (300 Series) Ordering information

Stream Rotor Arc Discs		Nozzle Assemblies (Lawn and Shrub Heads)		Nozzle Assemblies (Hi-Pop Heads)	
304-00	90° Stainless Steel Arc Disc	300-15	Omni Nozzle, Adjustable Radius, 4.5-10.0m	300-25	Omni Nozzle, High Pop, Adjustable Radius, 4.5-10.0m
305-00	112° Stainless Steel Arc Disc			300-21	#01 Nozzle Assembly, High Pop, (Blank I.D. Plug), 4.9-5.5m
306-00	135° Stainless Steel Arc Disc	300-11	#01 Nozzle Assembly, (Blank I.D. Plug), 4.9-5.5m	300-22	#02 Nozzle Assembly, High Pop, (Blank I.D. Plug), 6.5-7.4m
307-00	157° Stainless Steel Arc Disc	300-12	#02 Nozzle Assembly, (Blank I.D. Plug), 6.5-7.4m	300-23	#03 Nozzle Assembly, High Pop, (Blank I.D. Plug), 8.6-9.2m
308-00	180° Stainless Steel Arc Disc	300-13	#03 Nozzle Assembly, (Blank I.D. Plug), 8.6-9.2m	300-63-12	#63 Nozzle Assembly, High Pop, (Blank I.D. Plug), (50% less flow than #03 nozzle), 8.6-9.2m
309-00	202° Stainless Steel Arc Disc	300-63-1	#63 Nozzle Assembly, (Blank I.D. Plug), (50% less flow than #03 nozzle), 8.6-9.2m	300-93-12	#93 Nozzle Assembly, High Pop, (Blank I.D. Plug), (25% less flow than #03 nozzle), 8.6-9.2m
310-00	225° Stainless Steel Arc Disc				
312-00	270° Stainless Steel Arc Disc				
316-00	360° Stainless Steel Arc Disc				