

Flood Bubblers

Features

- For use with fixed risers
- Adjustable flow (flood bubbler models)
- Serviceable filter screen
- Durable engineering plastic and stainless-steel construction

Specifications

- Flow rate: 4.9-16.8 Lpm
- Recommended operating pressure: 140-350 kPa
- Maximum pressure: 520 kPa
- 15mm (1/2") female-threaded inlet



500 Series Flood Bubbler

Stream Bubblers

Features

- Multiple stream pattern-selection
- Radius adjusts down to 50%
- Pressure-compensating spray nozzles available, maintaining constant 200 kPa performance at pressures exceeding 200 kPa
- Use on shrub adaptor and pop-up sprinklers, risers and riser extenders

Specifications

- Flow rate: 2.2-9.1 Lpm
- Recommended operating pressure range: 70-280 kPa
- Maximum operating pressure: 520 kPa



500 Series Stream Bubbler

500 Series Adjustable Flood Bubbler

Model Number	Pattern	kPa	Lpm
514-20	(360°) Flood	100	6.32
		125	7.14
		150	7.84
		175	8.38
		200	8.93
		225	9.28
		250	9.65
	275	10.20	



Flood Bubblers

500 Series Adjustable Stream Bubbler Performance Chart

Model Number	Stream Patterns	100 kPa				150 kPa				200 kPa			
		Radius (m)	Flow (Lpm)	Prec. Rate* △ □ mm/hr		Radius (m)	Flow (Lpm)	Prec. Rate* △ □ mm/hr		Radius (m)	Flow (Lpm)	Prec. Rate* △ □ mm/hr	
511-30	2/60°	4.4	6.7	124.6	107.9	4.4	6.0	111.6	96.6	4.8	7.0	109.4	94.7
512-30	4/60°	3.1	6.7	83.7	72.5	3.1	8.3	103.6	89.8	3.3	9.6	105.8	91.6
514-30	6/60°	2.5	8.4	80.6	69.8	2.5	10.3	98.9	85.6	3.0	11.9	79.3	68.7
516-30	2/180°	4.4	4.8	29.8	25.8	4.4	6.0	37.2	32.2	4.8	7.0	36.5	31.6

500 Series Adjustable Stream Bubbler Performance Chart

Model Number	Stream Patterns	250 kPa				300 kPa			
		Radius (m)	Flow (Lpm)	Prec. Rate* △ □ mm/hr		Radius (m)	Flow (Lpm)	Prec. Rate* △ □ mm/hr	
511-30	2/60°	5.1	7.6	105.2	91.1	5.3	8.3	106.4	92.1
512-30	4/60°	3.7	10.7	93.8	81.2	4.2	11.8	80.3	69.5
514-30	6/60°	3.2	13.3	77.9	67.5	3.5	14.7	72.0	62.4
516-30	2/180°	5.1	7.6	35.1	30.4	5.3	8.3	35.5	30.7

All performance specifications are based on the stated working pressure available at the base of the sprinkler. See precipitation rate calculation in Technical section.

△ 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.