

BUBBLER NOZZLES

Deliver a consistent flow regardless of inlet pressure with pressure-compensating Bubbler Nozzles.





KEY BENEFITS

- Pressure-compensating for constant water flow at any pressure
- Designed for deep watering of planted areas
- Nozzle threaded for use with Pro-Spray™ Sprinkler Bodies

OPERATING SPECIFICATIONS

- Recommended operating pressure for the most consistent performance: 30 PSI
- Warranty period: 2 years

MULTI-STREAM BUBBLER PERFORMANCE DATA

Arc	Model	Flow		Radius m
		m ³ /hr	l/min	
	MSBN-25V*	0.06	0.9	0.46
	MSBN-50V*	0.11	1.9	0.76
	MSBN-25Q	0.06	0.9	0.30
	MSBN-50Q	0.11	1.9	0.46
	MSBN-50H	0.11	1.9	0.30
	MSBN-10H	0.23	3.8	0.46
	MSBN-10F	0.23	3.8	0.30
	MSBN-20F	0.45	7.6	0.46

Notes:

Typical spacing is 0.6 to 1.2 m. Flow rates shown are based on pressures between 1.0 and 4.8 bar; 100 and 480 kPa. *For a 15 cm pop-up, the radius is 0.6 at 0.9 l/min and 0.9 at 1.9 l/min.



MSBN Installed on PROS-04

Combining Hunter Bubbler Nozzles with Pro-Spray Sprinkler Bodies provides the watering precision of pressure-compensating bubblers paired with the benefit of retracting the nozzle out of sight.

Multi-Stream Bubbler



MULTI-STREAM BUBBLER NOZZLES



MSBN-25Q/25V

Flow: 0.06 m³/hr;
0.9 l/min



MSBN-50Q/50H/50V

Flow: 0.11 m³/hr;
1.9 l/min



MSBN-10H/10F


Flow: 0.23 m³/hr;
3.8 l/min



MSBN-20F

Flow: 0.45 m³/hr;
7.6 l/min

PCN PERFORMANCE DATA

	Model	Flow		Pattern Type
		m ³ /hr	l/min	
	25	0.06	0.9	Trickle
	50	0.11	1.9	Trickle
	10	0.23	3.8	Umbrella
	20	0.46	7.6	Umbrella

Notes:

Typical spacing 0.3 to 0.9 m. Flows shown for pressures between 1.0 and 4.8 bar; 100 and 480 kPa.

PCN



PCN BUBBLER NOZZLES



PCN-25

Flow: 0.06 m³/hr;
0.9 l/min



PCN-50

Flow: 0.11 m³/hr;
1.9 l/min



PCN-10


Flow: 0.23 m³/hr;
3.8 l/min



PCN-20

Flow: 0.46 m³/hr;
7.6 l/min

5-CST-B BUBBLER NOZZLE PERFORMANCE DATA

	Pressure		Radius m	Flow	
	bar	kPa		m ³ /hr	l/min
	1.0	100	1.5	0.07	1.1
	1.5	150	1.5	0.07	1.2
	2.0	200	1.5	0.09	1.4
	2.1	210	1.5	0.09	1.5
	2.5	250	1.5	0.10	1.6

5-CST-B



DUAL-STREAM BUBBLER NOZZLE



5-CST-B