

BUBBLERS & BUBBLER NOZZLES

Radius: 1 to 1.5 ft.

NOZZLES

Accurate Delivery of Water to Roots

Key Benefits

- Pressure-compensating for constant water flow at any pressure
- ½" threaded inlet for easy installation on a 1/2" riser
- Warranty period: 2 years
- Designed for deep watering of planted areas
- Nozzle threaded for use with Pro-Spray



MSBN-25Q



MSBN-50Q



MSBN-50H



MSBN-10H



MSBN-10F



MSBN-20F



PCN-25Q



PCN-50Q

Multi-Stream Bubbler Nozzles

Model	Description
MSBN-25Q	Flow: 0.06 m ³ /hr; 0.9 l/min
MSBN-50Q	Flow: 0.11 m ³ /hr; 1.9 l/min
MSBN-50H	Flow: 0.11 m ³ /hr; 1.9 l/min
MSBN-10H	Flow: 0.23 m ³ /hr; 3.8 l/min
MSBN-10F	Flow: 0.23 m ³ /hr; 3.8 l/min
MSBN-20F	Flow: 0.45 m ³ /hr; 7.6 l/min

PCN Bubbler Nozzles

Model	Description
PCN-25	Flow: 0.06 m ³ /hr; 0.9 l/min
PCN-50	Flow: 0.11 m ³ /hr; 1.9 l/min
PCN-10	Flow: 0.23 m ³ /hr; 3.8 l/min
PCN-20	Flow: 0.46 m ³ /hr; 7.6 l/min

Pressure Compensating Bubblers

Model	Description
PCB-25	Flow: 0.06 m ³ /hr, 0.9 l/min
PCB-25-R	Flow: 0.06 m ³ /hr, 0.9 l/min, reclaimed water ID cap
PCB-50	Flow: m ³ /hr, 1.9 l/min
PCB-50-R	Flow: m ³ /hr, 1.9 l/min, reclaimed water ID cap
PCB-10	Flow: m ³ /hr, 3.8 l/min
PCB-10-R	Flow: m ³ /hr, 3.8 l/min, reclaimed water ID cap
PCB-20	Flow: m ³ /hr, 7.6 l/min
PCB-20-R	Flow: m ³ /hr, 7.6 l/min, reclaimed water ID cap










Adjustable Flood Bubblers

Model	Description
AFB	


Dual-Stream Bubbler Nozzle

Model	Description
5-CST-B	

MULTI-STREAM BUBBLER PERFORMANCE DATA

Arc	Model	Flow		Radius m
		m ³ /hr	l/min	
	 MSBN-25Q	0.06	0.9	0.3
	 MSBN-50Q	0.11	1.9	0.5
	 MSBN-50H	0.11	1.9	0.3
	 MSBN-10H	0.23	3.8	0.5
	 MSBN-10F	0.23	3.8	0.3
	 MSBN-20F	0.45	7.6	0.5


PCN / PCB PERFORMANCE DATA

	Model	Flow		Pattern
		m ³ /hr	l/min	Type
	25	0.06	0.9	Trickle
	50	0.11	1.9	Trickle
	10	0.23	3.8	Umbrella
	20	0.45	7.6	Umbrella

AFB PERFORMANCE DATA

Model	Flow	Pattern
	m ³ /hr	Type

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