




# BUBBLER NOZZLES

## FEATURES

- Pressure compensation ensures uniform output across various pressures
- Provides the correct amount of water, reducing runoff or waste
- Nozzle threaded for use with Pro-Spray®

### MULTI-STREAM BUBBLER PERFORMANCE DATA

Arc	Model	Flow		Radius m
		m <sup>3</sup> /hr	l/min	
	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 0.6 to 1.2 m. Flows shown for pressures between 1.0 and 4.8 bar; 100 and 480 kPa.

Multi-Stream Bubbler



### MULTI-STREAM BUBBLER NOZZLES



**MSBN-25Q**  
Flow: 0.06 m<sup>3</sup>/hr;  
0.9 l/min



**MSBN-50Q/50H**  
Flow: 0.11 m<sup>3</sup>/hr;  
1.9 l/min







**MSBN-10H/10F**  
Flow: 0.23 m<sup>3</sup>/hr;  
3.8 l/min



**MSBN-20F**  
Flow: 0.45 m<sup>3</sup>/hr;  
7.6 l/min

### PCN PERFORMANCE DATA

Model	Flow		Pattern Type
	m <sup>3</sup> /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



### PRESSURE COMPENSATING BUBBLER NOZZLES



**PCN-25**  
Flow: 0.06 m<sup>3</sup>/hr;  
0.9 l/min



**PCN-50**  
Flow: 0.11 m<sup>3</sup>/hr;  
1.9 l/min



**PCN-10**  
Flow: 0.23 m<sup>3</sup>/hr;  
3.8 l/min




**PCN-20**  
Flow: 0.46 m<sup>3</sup>/hr;  
7.6 l/min

# BUBBLERS

## FEATURES

- Pressure compensation ensures uniform output across various pressures
- ½" inlet
- Flow marked top for easy identification

### PCB PERFORMANCE DATA

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

**Notes:**

Typical spacing 0.6 to 1.2 m. Flows shown for pressures between 1.0 and 4.8 bar; 100 and 480 kPa.

PCB



### PRESSURE COMPENSATING BUBBLERS




PCB



PCB-R

### AFB PERFORMANCE DATA

	Model	Flow		Pattern Type
		m <sup>3</sup> /hr	l/min	
	AFB	< 0.45	< 0.76	Trickle/ Umbrella

AFB




### ADJUSTABLE FLOOD BUBBLER



AFB

### 5-CST-B BUBBLER NOZZLE PERFORMANCE DATA

	Pressure		Radius	Flow	
	bar	kPa		m	m <sup>3</sup> /hr
	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