




# 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
- Nozzle threaded for use with Pro-Spray
- Designed for deep watering of planted areas
- Warranty period: 2 years

### MULTI-STREAM BUBBLER PERFORMANCE DATA

| Arc   | Model    | Flow               |       | Radius<br>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        |

Multi-Stream Bubbler



#### Notes:





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



#### MSBN Installed on PROS-04

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

### PCN PERFORMANCE DATA

| Model  | Flow               |       | Pattern<br>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        |


PCN



#### Notes:

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

### 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



### 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 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

### DUAL-STREAM BUBBLER NOZZLE



5-CST-B

NOZZLES