

**PGP ULTRA / I-20 GREEN HIGH-FLOW  
NOZZLE PERFORMANCE DATA**

| Nozzle        |           | Pressure |     | Radius | Flow  |       | Precip mm/hr |    |
|---------------|-----------|----------|-----|--------|-------|-------|--------------|----|
|               |           | bar      | kPa |        | m³/hr | l/min | ■            | ▲  |
| <b>10</b>     | Dk. Green | 1.7      | 170 | 10.7   | 1.48  | 24.6  | 26           | 30 |
|               |           | 2.0      | 200 | 11.9   | 1.60  | 26.7  | 23           | 26 |
|               |           | 2.5      | 250 | 12.5   | 1.80  | 30.0  | 23           | 27 |
|               |           | 3.0      | 300 | 12.8   | 2.01  | 33.5  | 25           | 28 |
|               |           | 3.5      | 350 | 13.1   | 2.18  | 36.3  | 25           | 29 |
|               |           | 4.0      | 400 | 13.7   | 2.34  | 39.0  | 25           | 29 |
| <b>13</b>     | Dk. Green | 4.5      | 450 | 14.0   | 2.49  | 41.5  | 25           | 29 |
|               |           | 1.7      | 170 | 11.0   | 1.91  | 31.9  | 32           | 37 |
|               |           | 2.0      | 200 | 12.2   | 2.08  | 34.6  | 28           | 32 |
|               |           | 2.5      | 250 | 12.8   | 2.34  | 38.9  | 29           | 33 |
|               |           | 3.0      | 300 | 13.1   | 2.61  | 43.4  | 30           | 35 |
|               |           | 3.5      | 350 | 13.4   | 2.83  | 47.1  | 31           | 36 |
| <b>6.0 LA</b> | Dk. Green | 4.0      | 400 | 13.7   | 3.03  | 50.5  | 32           | 37 |
|               |           | 4.5      | 450 | 14.0   | 3.23  | 53.8  | 33           | 38 |
|               |           | 1.7      | 170 | 9.1    | 0.86  | 14.3  | 21           | 24 |
|               |           | 2.0      | 200 | 9.4    | 0.94  | 15.6  | 21           | 24 |
|               |           | 2.5      | 250 | 10.1   | 1.07  | 17.8  | 21           | 24 |
|               |           | 3.0      | 300 | 10.7   | 1.20  | 20.0  | 21           | 24 |
| <b>8.0 LA</b> | Dk. Green | 3.5      | 350 | 11.3   | 1.31  | 21.9  | 21           | 24 |
|               |           | 4.0      | 400 | 11.6   | 1.42  | 23.6  | 21           | 24 |
|               |           | 4.5      | 450 | 11.9   | 1.52  | 25.3  | 21           | 25 |
|               |           | 1.7      | 170 | 10.1   | 1.17  | 19.5  | 23           | 27 |
|               |           | 2.0      | 200 | 10.7   | 1.28  | 21.3  | 22           | 26 |
|               |           | 2.5      | 250 | 11.3   | 1.44  | 24.0  | 23           | 26 |
| <b>8.0 LA</b> | Dk. Green | 3.0      | 300 | 11.6   | 1.61  | 26.9  | 24           | 28 |
|               |           | 3.5      | 350 | 11.9   | 1.76  | 29.3  | 25           | 29 |
|               |           | 4.0      | 400 | 12.5   | 1.89  | 31.5  | 24           | 28 |
|               |           | 4.5      | 450 | 12.5   | 2.01  | 33.6  | 26           | 30 |

I-20 Rotor with Blue Standard Nozzle



Convenient Nozzle Rack



**PGP ULTRA / I-20 / PRB BLACK SHORT-RADIUS  
NOZZLE PERFORMANCE DATA**

| Nozzle         |       | Pressure |     | Radius | Flow  |       | Precip mm/hr |    |
|----------------|-------|----------|-----|--------|-------|-------|--------------|----|
|                |       | bar      | kPa |        | m³/hr | l/min | ■            | ▲  |
| <b>0.50 SR</b> | Black | 1.7      | 170 | 4.9    | 0.07  | 1.2   | 6            | 7  |
|                |       | 2.0      | 200 | 5.2    | 0.08  | 1.3   | 6            | 7  |
|                |       | 2.5      | 250 | 5.2    | 0.09  | 1.5   | 7            | 8  |
|                |       | 3.0      | 300 | 5.2    | 0.10  | 1.7   | 8            | 9  |
|                |       | 3.5      | 350 | 5.5    | 0.12  | 1.9   | 8            | 9  |
|                |       | 4.0      | 400 | 5.5    | 0.13  | 2.1   | 8            | 10 |
| <b>1.0 SR</b>  | Black | 4.5      | 450 | 5.5    | 0.14  | 2.3   | 9            | 10 |
|                |       | 1.7      | 170 | 4.9    | 0.16  | 2.7   | 14           | 16 |
|                |       | 2.0      | 200 | 5.2    | 0.17  | 2.9   | 13           | 15 |
|                |       | 2.5      | 250 | 5.2    | 0.19  | 3.2   | 14           | 17 |
|                |       | 3.0      | 300 | 5.2    | 0.21  | 3.6   | 16           | 18 |
|                |       | 3.5      | 350 | 5.5    | 0.23  | 3.8   | 15           | 18 |
| <b>2.0 SR</b>  | Black | 4.0      | 400 | 5.5    | 0.25  | 4.1   | 16           | 19 |
|                |       | 4.5      | 450 | 5.5    | 0.26  | 4.3   | 17           | 20 |
|                |       | 1.7      | 170 | 4.9    | 0.28  | 4.7   | 24           | 27 |
|                |       | 2.0      | 200 | 5.2    | 0.31  | 5.2   | 23           | 27 |
|                |       | 2.5      | 250 | 5.2    | 0.36  | 6.0   | 27           | 31 |
|                |       | 3.0      | 300 | 5.2    | 0.41  | 6.9   | 31           | 35 |
| <b>0.75 SR</b> | Black | 3.5      | 350 | 5.5    | 0.45  | 7.6   | 30           | 35 |
|                |       | 4.0      | 400 | 5.5    | 0.49  | 8.2   | 33           | 38 |
|                |       | 4.5      | 450 | 5.5    | 0.53  | 8.9   | 35           | 41 |
|                |       | 1.7      | 170 | 6.7    | 0.12  | 2.0   | 5            | 6  |
|                |       | 2.0      | 200 | 7.0    | 0.13  | 2.2   | 5            | 6  |
|                |       | 2.5      | 250 | 7.0    | 0.15  | 2.4   | 6            | 7  |
| <b>1.5 SR</b>  | Black | 3.0      | 300 | 7.3    | 0.16  | 2.7   | 6            | 7  |
|                |       | 3.5      | 350 | 7.6    | 0.17  | 2.9   | 6            | 7  |
|                |       | 4.0      | 400 | 7.6    | 0.19  | 3.1   | 6            | 7  |
|                |       | 4.5      | 450 | 7.6    | 0.20  | 3.3   | 7            | 8  |
|                |       | 1.7      | 170 | 6.7    | 0.23  | 3.8   | 10           | 12 |
|                |       | 2.0      | 200 | 7.0    | 0.25  | 4.1   | 10           | 12 |
| <b>3.0 SR</b>  | Black | 2.5      | 250 | 7.0    | 0.28  | 4.6   | 11           | 13 |
|                |       | 3.0      | 300 | 7.3    | 0.31  | 5.2   | 12           | 13 |
|                |       | 3.5      | 350 | 7.6    | 0.34  | 5.6   | 12           | 13 |
|                |       | 4.0      | 400 | 7.6    | 0.36  | 6.0   | 12           | 14 |
|                |       | 4.5      | 450 | 7.6    | 0.39  | 6.4   | 13           | 15 |
|                |       | 1.7      | 170 | 6.7    | 0.53  | 8.9   | 24           | 27 |
| <b>3.0 SR</b>  | Black | 2.0      | 200 | 7.0    | 0.56  | 9.3   | 23           | 26 |
|                |       | 2.5      | 250 | 7.0    | 0.60  | 10.0  | 24           | 28 |
|                |       | 3.0      | 300 | 7.3    | 0.64  | 10.7  | 24           | 28 |
|                |       | 3.5      | 350 | 7.6    | 0.67  | 11.2  | 23           | 27 |
|                |       | 4.0      | 400 | 7.6    | 0.70  | 11.7  | 24           | 28 |
|                |       | 4.5      | 450 | 7.6    | 0.73  | 12.1  | 25           | 29 |

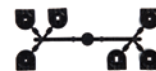
**Note:**

All precipitation rates are calculated for 180° operation. For the precipitation rate of a 360° sprinkler, divide by 2.

**PGP ULTRA / I-20 /  
PRB NOZZLES**



Dk. Green  
High-Flow  
(P/N 444800)



Black Short-Radius  
(P/N 466100)

