

# I-25

Radius: **11.9 to 21.6 m**  
Flow: **0.82 to 7.24 m<sup>3</sup>/hr; 13.6 to 120.2 l/min**

The reliable, durable, and versatile I-25 offers an expansive nozzle selection that makes it the perfect choice for large turf applications.

## KEY BENEFITS

- Patented automatic arc return feature returns the turret back to the original arc pattern if vandalised; adjustable arc from 50° to 360°
- Non-strippable drive mechanism is protected from damage if turned in the opposite direction of travel
- Part- and full-circle in one model for flexibility across landscapes and reduced inventory
- Colour-coded nozzles make identification easy
- Drain check valve prevents low-head drainage (up to 3 m of elevation)

## OPERATING SPECIFICATIONS

- Nozzle choices: 11
- Radius: 11.9 to 21.6 m
- Flow: 0.82 to 7.24 m<sup>3</sup>/hr; 13.6 to 120.2 l/min
- Recommended pressure range: 2.5 to 7.0 bar; 250 to 700 kPa
- Warranty period: 5 years
- Operating pressure range: 2.5 to 7.0 bar; 250 to 700 kPa
- Precipitation rate: 15 mm/hr approximately
- Nozzle trajectory: standard = 25°

## FACTORY-INSTALLED OPTIONS

- Reclaimed water ID
- High-speed rotation

## USER-INSTALLED OPTIONS

- HSJ-1 prefabricated 1" (25 mm) PVC swing joint



**I-25-04**  
Overall height: 20 cm  
Pop-up height: 10 cm  
Exposed diameter: 5 cm  
Inlet size: 1" BSP



**I-25-06**  
Overall height: 26 cm  
Pop-up height: 15 cm  
Exposed diameter: 5 cm  
Inlet size: 1" BSP



**I-25 Reclaimed**  
Available as a factory-installed option on all models



**I-25 High-Speed**  
Available as a factory-installed option on all stainless steel models

### I-25 (PLASTIC) - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

| 1 Model  | 2 Standard Features                                       | 3 Feature Options   | 4 Nozzle Options                                  |
|--|---|---|---|
| I-25-04 = 10 cm pop-up<br>I-25-06 = 15 cm pop-up | Adjustable arc, plastic riser, check valve, and 5 nozzles | <b>B</b> = BSP inlet threads<br><b>R</b> = Reclaimed water ID | <b>#4 - #28</b> = Factory-installed nozzle number |

### I-25 (STAINLESS STEEL) - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

| 1 Model  | 2 Standard Features   | 3 Feature Options  | 4 Nozzle Options                                  |
|--|---|--|---|
| I-25-04-SS = 10 cm pop-up<br>I-25-06-SS = 15 cm pop-up | Adjustable arc, stainless steel riser, check valve, and 5 nozzles | <b>B</b> = BSP inlet threads<br><b>R</b> = Reclaimed water ID<br><b>HS</b> = High-speed<br><b>HS-R</b> = High-speed and reclaimed water ID | <b>#4 - #28</b> = Factory-installed nozzle number |

#### Examples:

- I-25-04-B = 10 cm pop-up, adjustable arc, BSP inlet threads
- I-25-04-SS-R-B-18 = 10 cm pop-up, adjustable arc, stainless steel riser, reclaimed water ID, and #18 nozzle, BSP inlet threads
- I-25-06-SS-B = 15 cm pop-up, adjustable arc, stainless steel riser, BSP inlet threads

### I-25 STANDARD NOZZLE PERFORMANCE DATA

| Nozzle                    | Pressure |      | Radius<br>m | Flow               |       | Precip mm/hr |     | Nozzle                    | Pressure |      | Radius<br>m | Flow               |       | Precip mm/hr |    |
|---------------------------|----------|------|-------------|--------------------|-------|--------------|-----|---------------------------|----------|------|-------------|--------------------|-------|--------------|----|
|                           | bar      | kPa  |             | m <sup>3</sup> /hr | l/min | ■            | ▲   |                           | bar      | kPa  |             | m <sup>3</sup> /hr | l/min | ■            | ▲  |
| <b>4</b> ●<br>Yellow      | 2.5      | 250  | 11.9        | 0.82               | 13.6  | 12           | 13  | <b>15</b> ●<br>Grey*      | 3.0      | 300  | 16.8        | 2.86               | 47.7  | 20           | 24 |
|                           | 3.0      | 300  | 12.2        | 0.91               | 15.2  | 12           | 14  |                           | 3.5      | 350  | 17.1        | 3.05               | 50.8  | 21           | 24 |
|                           | 3.5      | 350  | 12.5        | 0.98               | 16.4  | 13           | 15  |                           | 4.0      | 400  | 17.4        | 3.22               | 53.7  | 21           | 25 |
|                           | 4.0      | 400  | 12.5        | 1.05               | 17.5  | 13           | 16  |                           | 4.5      | 450  | 17.4        | 3.38               | 56.3  | 22           | 26 |
|                           | 4.5      | 450  | 12.8        | 1.11               | 18.6  | 14           | 16  |                           | 5.0      | 500  | 17.4        | 3.53               | 58.8  | 23           | 27 |
|                           | 5.0      | 500  | 13.1        | 1.18               | 19.6  | 14           | 16  |                           | 5.5      | 550  | 17.7        | 3.69               | 61.5  | 24           | 27 |
| <b>7</b> ●<br>Orange*     | 5.5      | 550  | 13.4        | 1.24               | 20.7  | 14           | 16  | 6.0                       | 600      | 18.0 | 3.82        | 63.7               | 24    | 27           |    |
|                           | 2.5      | 250  | 13.4        | 1.44               | 24.0  | 16           | 19  | 6.2                       | 620      | 18.3 | 3.88        | 64.6               | 23    | 27           |    |
|                           | 3.0      | 300  | 14.0        | 1.54               | 25.6  | 16           | 18  | <b>18</b> ●<br>Red        | 3.0      | 300  | 17.4        | 30.8               | 51.4  | 20           | 24 |
|                           | 3.5      | 350  | 14.3        | 1.61               | 26.9  | 16           | 18  |                           | 3.5      | 350  | 17.7        | 3.31               | 55.2  | 21           | 24 |
|                           | 4.0      | 400  | 14.3        | 1.68               | 28.0  | 16           | 19  |                           | 4.0      | 400  | 18.0        | 3.52               | 58.7  | 22           | 25 |
|                           | 4.5      | 450  | 14.6        | 1.75               | 29.1  | 16           | 19  |                           | 4.5      | 450  | 18.3        | 3.72               | 62.0  | 22           | 26 |
| 5.0                       | 500      | 14.9 | 1.81        | 30.1               | 16    | 19           | 5.0 |                           | 500      | 18.9 | 3.91        | 65.2               | 22    | 25           |    |
| 5.5                       | 550      | 15.2 | 1.87        | 31.1               | 16    | 19           | 5.5 |                           | 550      | 19.2 | 4.11        | 68.5               | 22    | 26           |    |
| <b>8</b> ●<br>Lt. Brown   | 6.0      | 600  | 15.8        | 2.05               | 34.2  | 18           | 22  | 6.0                       | 600      | 19.5 | 4.28        | 71.4               | 23    | 26           |    |
|                           | 2.5      | 250  | 14.0        | 1.65               | 27.5  | 17           | 19  | 6.2                       | 620      | 19.5 | 4.35        | 72.5               | 23    | 26           |    |
|                           | 3.0      | 300  | 14.3        | 1.81               | 30.1  | 18           | 20  | <b>20</b> ●<br>Dk. Brown* | 3.5      | 350  | 18.0        | 3.72               | 62.1  | 23           | 27 |
|                           | 3.5      | 350  | 14.9        | 1.94               | 32.3  | 17           | 20  |                           | 4.0      | 400  | 18.6        | 3.97               | 66.2  | 23           | 27 |
|                           | 4.0      | 400  | 15.2        | 2.05               | 34.2  | 18           | 20  |                           | 4.5      | 450  | 18.9        | 4.20               | 70.1  | 24           | 27 |
|                           | 4.5      | 450  | 15.2        | 2.16               | 36.0  | 19           | 22  |                           | 5.0      | 500  | 19.2        | 4.42               | 73.7  | 24           | 28 |
| 5.0                       | 500      | 15.5 | 2.27        | 37.8               | 19    | 22           | 5.5 |                           | 550      | 19.5 | 4.66        | 77.7               | 25    | 28           |    |
| 5.5                       | 550      | 15.8 | 2.38        | 39.6               | 19    | 22           | 6.0 |                           | 600      | 19.8 | 4.86        | 81.0               | 25    | 29           |    |
| <b>10</b> ●<br>Lt. Green* | 6.0      | 600  | 16.8        | 2.38               | 39.6  | 19           | 22  | 6.5                       | 650      | 20.1 | 5.05        | 84.2               | 25    | 29           |    |
|                           | 3.0      | 300  | 15.2        | 2.15               | 35.8  | 18           | 21  | 6.9                       | 690      | 20.4 | 5.21        | 86.8               | 25    | 29           |    |
|                           | 3.5      | 350  | 15.5        | 2.32               | 38.6  | 19           | 22  | <b>23</b> ●<br>Dk. Green  | 3.5      | 350  | 18.6        | 4.56               | 76.0  | 26           | 30 |
|                           | 4.0      | 400  | 15.8        | 2.48               | 41.3  | 20           | 23  |                           | 4.0      | 400  | 19.2        | 4.88               | 81.3  | 26           | 31 |
|                           | 4.5      | 450  | 16.2        | 2.63               | 43.9  | 20           | 23  |                           | 4.5      | 450  | 19.5        | 5.18               | 86.3  | 27           | 31 |
|                           | 5.0      | 500  | 16.2        | 2.78               | 46.3  | 21           | 25  |                           | 5.0      | 500  | 19.8        | 5.47               | 91.1  | 28           | 32 |
| 5.5                       | 550      | 16.5 | 2.94        | 48.9               | 22    | 25           | 5.5 |                           | 550      | 20.1 | 5.78        | 96.3               | 29    | 33           |    |
| 6.0                       | 600      | 16.8 | 3.07        | 51.1               | 22    | 25           | 6.0 |                           | 600      | 20.1 | 6.04        | 100.6              | 30    | 34           |    |
| <b>13</b> ●<br>Lt. Blue   | 6.5      | 650  | 20.4        | 5.21               | 86.8  | 25           | 29  | 6.5                       | 650      | 20.4 | 6.29        | 104.8              | 30    | 35           |    |
|                           | 3.0      | 300  | 15.8        | 2.38               | 39.6  | 19           | 22  | 6.9                       | 690      | 20.7 | 6.50        | 108.3              | 30    | 35           |    |
|                           | 3.5      | 350  | 16.2        | 2.57               | 42.8  | 20           | 23  | <b>25</b> ●<br>Dk. Blue*  | 3.5      | 350  | 19.2        | 4.86               | 80.9  | 26           | 30 |
|                           | 4.0      | 400  | 16.5        | 2.75               | 45.7  | 20           | 23  |                           | 4.0      | 400  | 19.8        | 5.23               | 87.1  | 27           | 31 |
|                           | 4.5      | 450  | 16.5        | 2.91               | 48.5  | 21           | 25  |                           | 4.5      | 450  | 20.1        | 5.58               | 93.1  | 28           | 32 |
|                           | 5.0      | 500  | 16.8        | 3.04               | 51.2  | 22           | 25  |                           | 5.0      | 500  | 20.4        | 5.92               | 98.7  | 28           | 33 |
| 5.5                       | 550      | 16.8 | 3.24        | 54.0               | 23    | 27           | 5.5 |                           | 550      | 21.0 | 6.29        | 104.9              | 28    | 33           |    |
| 6.0                       | 600      | 17.1 | 3.39        | 56.4               | 23    | 27           | 6.0 |                           | 600      | 21.0 | 6.60        | 110.0              | 30    | 34           |    |
| <b>15</b> ●<br>Grey*      | 6.5      | 650  | 21.3        | 6.90               | 115.1 | 30           | 35  | 6.5                       | 650      | 21.3 | 6.90        | 115.1              | 30    | 35           |    |
|                           | 6.9      | 690  | 21.6        | 7.15               | 119.2 | 31           | 35  | 6.9                       | 690      | 21.6 | 7.15        | 119.2              | 31    | 35           |    |
|                           | 3.5      | 350  | 18.3        | 5.31               | 88.5  | 32           | 37  | <b>28</b> ●<br>Black      | 3.5      | 350  | 18.3        | 5.31               | 88.5  | 32           | 37 |
|                           | 4.0      | 400  | 19.2        | 5.63               | 93.8  | 31           | 35  |                           | 4.0      | 400  | 19.2        | 5.63               | 93.8  | 31           | 35 |
|                           | 4.5      | 450  | 20.1        | 5.93               | 98.8  | 29           | 34  |                           | 4.5      | 450  | 20.1        | 5.93               | 98.8  | 29           | 34 |
|                           | 5.0      | 500  | 20.7        | 6.21               | 103.5 | 29           | 33  |                           | 5.0      | 500  | 20.7        | 6.21               | 103.5 | 29           | 33 |
| 5.5                       | 550      | 21.3 | 6.52        | 108.6              | 29    | 33           | 5.5 |                           | 550      | 21.3 | 6.52        | 108.6              | 29    | 33           |    |
| 6.0                       | 600      | 21.3 | 6.77        | 112.8              | 30    | 34           | 6.0 |                           | 600      | 21.3 | 6.77        | 112.8              | 30    | 34           |    |

\* Five standard nozzles included with each sprinkler.

**Note:**

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

### I-25 NOZZLE



**I-25 HIGH-SPEED NOZZLE PERFORMANCE DATA**

**I-25 NOZZLE**

| Nozzle                    | Pressure |      | Radius<br>m | Flow               |       | Precip mm/hr |     | Nozzle                    | Pressure |      | Radius<br>m | Flow               |       | Precip mm/hr |    |
|---------------------------|----------|------|-------------|--------------------|-------|--------------|-----|---------------------------|----------|------|-------------|--------------------|-------|--------------|----|
|                           | bar      | kPa  |             | m <sup>3</sup> /hr | l/min | ■            | ▲   |                           | bar      | kPa  |             | m <sup>3</sup> /hr | l/min | ■            | ▲  |
| <b>04</b> ●<br>Yellow     | 2.5      | 250  | 11.0        | 0.81               | 13.6  | 14           | 16  | <b>15</b> ●<br>Grey*      | 3.0      | 300  | 14.6        | 2.86               | 47.7  | 27           | 31 |
|                           | 3.0      | 300  | 11.3        | 0.91               | 15.1  | 14           | 16  |                           | 3.5      | 350  | 14.9        | 3.05               | 50.8  | 27           | 32 |
|                           | 3.5      | 350  | 11.6        | 0.99               | 16.4  | 15           | 17  |                           | 4.0      | 400  | 15.2        | 3.22               | 53.7  | 28           | 32 |
|                           | 4.0      | 400  | 11.6        | 1.06               | 17.6  | 16           | 18  |                           | 4.5      | 450  | 15.5        | 3.38               | 56.3  | 28           | 32 |
|                           | 4.5      | 450  | 11.6        | 1.13               | 18.8  | 17           | 19  |                           | 5.0      | 500  | 16.2        | 3.53               | 58.8  | 27           | 31 |
|                           | 5.0      | 500  | 11.9        | 1.19               | 19.9  | 17           | 19  |                           | 5.5      | 550  | 16.5        | 3.69               | 61.5  | 27           | 31 |
| <b>07</b> ●<br>Orange*    | 5.5      | 550  | 11.9        | 1.26               | 21.1  | 18           | 21  | 6.0                       | 600      | 16.5 | 3.82        | 63.7               | 28    | 33           |    |
|                           | 2.5      | 250  | 11.9        | 1.32               | 22.0  | 19           | 22  | 6.2                       | 620      | 16.5 | 3.88        | 64.6               | 29    | 33           |    |
|                           | 3.0      | 300  | 12.2        | 1.46               | 24.3  | 20           | 23  | <b>18</b> ●<br>Red        | 3.0      | 300  | 14.9        | 3.08               | 51.4  | 28           | 32 |
|                           | 3.5      | 350  | 12.5        | 1.57               | 26.2  | 20           | 23  |                           | 3.5      | 350  | 15.2        | 3.31               | 55.2  | 29           | 33 |
|                           | 4.0      | 400  | 12.8        | 1.68               | 27.9  | 20           | 24  |                           | 4.0      | 400  | 15.5        | 3.52               | 58.7  | 29           | 34 |
|                           | 4.5      | 450  | 13.1        | 1.78               | 29.6  | 21           | 24  |                           | 4.5      | 450  | 16.2        | 3.72               | 62.0  | 29           | 33 |
| 5.0                       | 500      | 13.4 | 1.87        | 31.1               | 21    | 24           | 5.0 |                           | 500      | 16.8 | 3.91        | 65.2               | 28    | 32           |    |
| 5.5                       | 550      | 13.4 | 1.97        | 32.8               | 22    | 25           | 5.5 |                           | 550      | 17.4 | 4.11        | 68.5               | 27    | 31           |    |
| <b>08</b> ●<br>Lt. Brown  | 2.5      | 250  | 12.5        | 1.54               | 25.7  | 20           | 23  | 6.0                       | 600      | 17.4 | 4.28        | 71.4               | 28    | 33           |    |
|                           | 3.0      | 300  | 12.8        | 1.72               | 28.6  | 21           | 24  | 6.2                       | 620      | 17.4 | 4.35        | 72.5               | 29    | 33           |    |
|                           | 3.5      | 350  | 13.1        | 1.86               | 31.0  | 22           | 25  | <b>20</b> ●<br>Dk. Brown* | 3.5      | 350  | 15.5        | 3.72               | 62.1  | 31           | 36 |
|                           | 4.0      | 400  | 13.4        | 2.00               | 33.3  | 22           | 26  |                           | 4.0      | 400  | 16.2        | 3.97               | 66.2  | 30           | 35 |
|                           | 4.5      | 450  | 13.4        | 2.13               | 35.4  | 24           | 27  |                           | 4.5      | 450  | 16.5        | 4.20               | 70.1  | 31           | 36 |
|                           | 5.0      | 500  | 13.7        | 2.25               | 37.5  | 24           | 28  |                           | 5.0      | 500  | 17.1        | 4.42               | 73.7  | 30           | 35 |
| 5.5                       | 550      | 13.7 | 2.38        | 39.7               | 25    | 29           | 5.5 |                           | 550      | 17.7 | 4.66        | 77.7               | 30    | 34           |    |
| <b>10</b> ●<br>Lt. Green* | 3.0      | 300  | 13.7        | 2.15               | 35.8  | 23           | 26  |                           | 6.0      | 600  | 17.7        | 4.86               | 81.0  | 31           | 36 |
|                           | 3.5      | 350  | 14.0        | 2.32               | 38.6  | 24           | 27  | 6.5                       | 650      | 18.0 | 5.05        | 84.2               | 31    | 36           |    |
|                           | 4.0      | 400  | 14.3        | 2.48               | 41.3  | 24           | 28  | 6.9                       | 690      | 18.0 | 5.21        | 86.8               | 32    | 37           |    |
|                           | 4.5      | 450  | 14.6        | 2.63               | 43.9  | 25           | 28  | <b>23</b> ●<br>Dk. Green  | 3.5      | 350  | 16.5        | 4.56               | 76.0  | 34           | 39 |
|                           | 5.0      | 500  | 14.9        | 2.78               | 46.3  | 25           | 29  |                           | 4.0      | 400  | 17.1        | 4.88               | 81.3  | 33           | 39 |
|                           | 5.5      | 550  | 15.2        | 2.94               | 48.9  | 25           | 29  |                           | 4.5      | 450  | 17.4        | 5.18               | 86.3  | 34           | 40 |
| 6.0                       | 600      | 15.2 | 3.07        | 51.1               | 26    | 31           | 5.0 |                           | 500      | 17.7 | 5.47        | 91.1               | 35    | 40           |    |
| <b>13</b> ●<br>Lt. Blue   | 3.0      | 300  | 14.3        | 2.38               | 39.6  | 23           | 27  |                           | 5.5      | 550  | 18.3        | 5.78               | 96.3  | 35           | 40 |
|                           | 3.5      | 350  | 14.6        | 2.57               | 42.8  | 24           | 28  |                           | 6.0      | 600  | 18.3        | 6.04               | 100.6 | 36           | 42 |
|                           | 4.0      | 400  | 14.9        | 2.75               | 45.7  | 25           | 28  | 6.5                       | 650      | 18.6 | 6.29        | 104.8              | 36    | 42           |    |
|                           | 4.5      | 450  | 15.2        | 2.91               | 48.5  | 25           | 29  | 6.9                       | 690      | 18.6 | 6.50        | 108.3              | 38    | 43           |    |
|                           | 5.0      | 500  | 15.5        | 3.07               | 51.2  | 25           | 29  | <b>25</b> ●<br>Dk. Blue*  | 3.5      | 350  | 17.1        | 4.86               | 80.9  | 33           | 38 |
|                           | 5.5      | 550  | 15.5        | 3.24               | 54.0  | 27           | 31  |                           | 4.0      | 400  | 17.7        | 5.23               | 87.1  | 33           | 39 |
| 6.0                       | 600      | 15.5 | 3.39        | 56.4               | 28    | 32           | 4.5 |                           | 450      | 18.3 | 5.58        | 93.1               | 33    | 39           |    |
| <b>15</b> ●<br>Black      | 3.5      | 350  | 14.6        | 2.57               | 42.8  | 24           | 28  |                           | 5.0      | 500  | 18.9        | 5.92               | 98.7  | 33           | 38 |
|                           | 4.0      | 400  | 14.9        | 2.75               | 45.7  | 25           | 28  |                           | 5.5      | 550  | 19.5        | 6.29               | 104.9 | 33           | 38 |
|                           | 4.5      | 450  | 15.2        | 2.91               | 48.5  | 25           | 29  |                           | 6.0      | 600  | 19.8        | 6.60               | 110.0 | 34           | 39 |
|                           | 5.0      | 500  | 15.5        | 3.07               | 51.2  | 25           | 29  | 6.5                       | 650      | 20.1 | 6.90        | 115.1              | 34    | 39           |    |
|                           | 5.5      | 550  | 15.5        | 3.24               | 54.0  | 27           | 31  | 6.9                       | 690      | 20.1 | 7.15        | 119.2              | 35    | 41           |    |
|                           | 6.0      | 600  | 15.5        | 3.39               | 56.4  | 28           | 32  | <b>28</b> ●<br>Black      | 3.5      | 350  | 17.4        | 5.31               | 88.5  | 35           | 41 |
| <b>07</b> ●<br>Orange*    | 3.5      | 350  | 12.5        | 1.57               | 26.2  | 20           | 23  |                           | 4.0      | 400  | 17.7        | 5.63               | 93.8  | 36           | 42 |
|                           | 4.0      | 400  | 12.8        | 1.68               | 27.9  | 20           | 24  |                           | 4.5      | 450  | 18.0        | 5.93               | 98.8  | 37           | 42 |
|                           | 4.5      | 450  | 13.1        | 1.78               | 29.6  | 21           | 24  |                           | 5.0      | 500  | 18.3        | 6.21               | 103.5 | 37           | 43 |
|                           | 5.0      | 500  | 13.4        | 1.87               | 31.1  | 21           | 24  |                           | 5.5      | 550  | 18.9        | 6.52               | 108.6 | 36           | 42 |
|                           | 5.5      | 550  | 13.4        | 1.97               | 32.8  | 22           | 25  |                           | 6.0      | 600  | 19.5        | 6.77               | 112.8 | 36           | 41 |
|                           | 6.0      | 600  | 13.4        | 2.07               | 34.9  | 22           | 25  | 6.5                       | 650      | 19.8 | 7.01        | 116.9              | 36    | 41           |    |



\* 5 standard nozzles included with each sprinkler.

**Notes:**

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