

## Pro High-Efficiency Nozzles

Adjustable arc spray nozzles with high uniformity and matched precipitation maximise water efficiency in spray sprinkler applications.

### KEY BENEFITS

- High efficiency performance from a high-uniformity spray pattern
- Matched precipitation of 40 mm/hr from 2.4 m to 5.2 m
- Simple 0° to 360° arc adjustment using the easy-grip nozzle top
- Thick nozzle top offers long-lasting durability against equipment damage
- Fast installation with clear identification of spray pattern edges
- Full shutoff capability at 0° arc setting
- Colour-coded with natural hues that blend seamlessly with the landscape and provide easy field identification
- Smooth spray pattern with well-defined edges for targeted landscape irrigation
- Recommended operating pressure: 2.1 bar (210 kPa)
- Pair with Pro-Spray PRS30 Sprinkler Body for pressure regulation up to 2.1 bar (210 kPa)
- Warranty period: 2 years







### 8A-HE OLIVE GREEN \*

**Radius:** 2.4 m

Adjustable from 0° to 360°

Trajectory 20°





| Arc  | Pressure   |            | Radius     | Flow               |             | Precip mm/hr |           |
|--|------------|------------|------------|--------------------|-------------|--------------|-----------|
|  | bar        | kPa        |            | m <sup>3</sup> /hr | l/min       | ■            | ▲         |
| 90°<br>  | 1.0        | 100        | 2.0        | 0.05               | 0.87        | 52           | 60        |
|  | 1.5        | 150        | 2.2        | 0.06               | 1.02        | 51           | 59        |
|  | <b>2.1</b> | <b>210</b> | <b>2.4</b> | <b>0.06</b>        | <b>1.06</b> | <b>44</b>    | <b>51</b> |
|  | 2.5        | 250        | 2.6        | 0.07               | 1.21        | 43           | 50        |
|  | 3.0        | 300        | 2.8        | 0.08               | 1.32        | 41           | 47        |
| 180°<br> | 1.0        | 100        | 2.0        | 0.10               | 1.65        | 49           | 57        |
|  | 1.5        | 150        | 2.2        | 0.11               | 1.85        | 46           | 53        |
|  | <b>2.1</b> | <b>210</b> | <b>2.4</b> | <b>0.12</b>        | <b>2.08</b> | <b>43</b>    | <b>50</b> |
|  | 2.5        | 250        | 2.6        | 0.14               | 2.37        | 42           | 48        |
|  | 3.0        | 300        | 2.8        | 0.15               | 2.57        | 39           | 45        |
| 270°<br> | 1.0        | 100        | 2.0        | 0.15               | 2.47        | 49           | 57        |
|  | 1.5        | 150        | 2.2        | 0.17               | 2.78        | 46           | 53        |
|  | <b>2.1</b> | <b>210</b> | <b>2.4</b> | <b>0.19</b>        | <b>3.11</b> | <b>43</b>    | <b>50</b> |
|  | 2.5        | 250        | 2.6        | 0.21               | 3.55        | 42           | 48        |
|  | 3.0        | 300        | 2.8        | 0.23               | 3.86        | 39           | 45        |
| 360°<br> | 1.0        | 100        | 2.0        | 0.20               | 3.29        | 49           | 57        |
|  | 1.5        | 150        | 2.2        | 0.22               | 3.71        | 46           | 53        |
|  | <b>2.1</b> | <b>210</b> | <b>2.4</b> | <b>0.25</b>        | <b>4.15</b> | <b>43</b>    | <b>50</b> |
|  | 2.5        | 250        | 2.6        | 0.28               | 4.73        | 42           | 50        |
|  | 3.0        | 300        | 2.8        | 0.31               | 5.50        | 39           | 45        |

#### 10A-HE DARK BLUE •

**Radius:** 3.0 m

Adjustable from 0° to 360°

Trajectory 25°





| Arc  | Pressure   |            | Radius     | Flow               |             | Precip mm/hr |           |
|--|------------|------------|------------|--------------------|-------------|--------------|-----------|
|  | bar        | kPa        |            | m <sup>3</sup> /hr | l/min       | ■            | ▲         |
| 90°<br>  | 1.0        | 100        | 2.7        | 0.08               | 1.36        | 45           | 52        |
|  | 1.5        | 150        | 2.8        | 0.09               | 1.55        | 48           | 55        |
|  | <b>2.1</b> | <b>210</b> | <b>3.0</b> | <b>0.10</b>        | <b>1.67</b> | <b>44</b>    | <b>51</b> |
|  | 2.5        | 250        | 3.1        | 0.11               | 1.82        | 45           | 52        |
|  | 3.0        | 300        | 3.2        | 0.12               | 1.93        | 45           | 52        |
| 180°<br> | 1.0        | 100        | 2.7        | 0.16               | 2.65        | 44           | 50        |
|  | 1.5        | 150        | 2.8        | 0.18               | 2.94        | 45           | 52        |
|  | <b>2.1</b> | <b>210</b> | <b>3.0</b> | <b>0.19</b>        | <b>3.24</b> | <b>43</b>    | <b>50</b> |
|  | 2.5        | 250        | 3.1        | 0.21               | 3.52        | 44           | 51        |
|  | 3.0        | 300        | 3.2        | 0.23               | 3.79        | 44           | 51        |
| 270°<br> | 1.0        | 100        | 2.7        | 0.24               | 3.97        | 44           | 50        |
|  | 1.5        | 150        | 2.8        | 0.26               | 4.41        | 45           | 52        |
|  | <b>2.1</b> | <b>210</b> | <b>3.0</b> | <b>0.29</b>        | <b>4.85</b> | <b>43</b>    | <b>50</b> |
|  | 2.5        | 250        | 3.1        | 0.32               | 5.28        | 44           | 51        |
|  | 3.0        | 300        | 3.2        | 0.34               | 5.68        | 44           | 51        |
| 360°<br> | 1.0        | 100        | 2.7        | 0.32               | 5.30        | 44           | 50        |
|  | 1.5        | 150        | 2.8        | 0.35               | 5.88        | 45           | 52        |
|  | <b>2.1</b> | <b>210</b> | <b>3.0</b> | <b>0.39</b>        | <b>6.47</b> | <b>43</b>    | <b>50</b> |
|  | 2.5        | 250        | 3.1        | 0.42               | 7.04        | 44           | 51        |
|  | 3.0        | 300        | 3.2        | 0.45               | 7.57        | 44           | 51        |

**12A-HE BROWN •**

**Radius:** 3.7 m

Adjustable from 0° to 360°

Trajectory 25°





| Arc   | Pressure   |            | Radius<br>m | Flow               |             | Precip mm/hr |           |
|---|------------|------------|-------------|--------------------|-------------|--------------|-----------|
|   | bar        | kPa        |             | m <sup>3</sup> /hr | l/min       | ■            | ▲         |
| 90°<br>  | 1.0        | 100        | 3.3         | 0.12               | 2.01        | 44           | 51        |
|   | 1.5        | 150        | 3.5         | 0.13               | 2.23        | 44           | 51        |
|   | <b>2.1</b> | <b>210</b> | <b>3.7</b>  | <b>0.14</b>        | <b>2.38</b> | <b>42</b>    | <b>48</b> |
|   | 2.5        | 250        | 3.8         | 0.16               | 2.65        | 44           | 51        |
|   | 3.0        | 300        | 3.9         | 0.17               | 2.84        | 45           | 51        |
| 180°<br> | 1.0        | 100        | 3.3         | 0.23               | 3.88        | 43           | 49        |
|   | 1.5        | 150        | 3.5         | 0.125              | 4.24        | 42           | 48        |
|   | <b>2.1</b> | <b>210</b> | <b>3.7</b>  | <b>0.28</b>        | <b>4.62</b> | <b>40</b>    | <b>47</b> |
|   | 2.5        | 250        | 3.8         | 0.30               | 5.03        | 42           | 48        |
|   | 3.0        | 300        | 3.9         | 0.33               | 5.53        | 42           | 50        |
| 270°<br>  | 1.0        | 100        | 3.3         | 0.35               | 5.82        | 43           | 49        |
|   | 1.5        | 150        | 3.5         | 0.38               | 6.36        | 42           | 48        |
|   | <b>2.1</b> | <b>210</b> | <b>3.7</b>  | <b>0.42</b>        | <b>6.93</b> | <b>40</b>    | <b>47</b> |
|   | 2.5        | 250        | 3.8         | 0.45               | 7.55        | 42           | 48        |
|   | 3.0        | 300        | 3.9         | 0.50               | 8.29        | 44           | 50        |
| 360°<br> | 1.0        | 100        | 3.3         | 0.47               | 7.76        | 43           | 49        |
|   | 1.5        | 150        | 3.5         | 0.51               | 8.48        | 42           | 48        |
|   | <b>2.1</b> | <b>210</b> | <b>3.7</b>  | <b>0.55</b>        | <b>9.24</b> | <b>40</b>    | <b>47</b> |
|   | 2.5        | 250        | 3.8         | 0.60               | 10.07       | 42           | 48        |
|   | 3.0        | 300        | 3.9         | 0.66               | 11.05       | 44           | 50        |

**15A-HE BLACK •**

**Radius:** 4.6 m

Adjustable from 0° to 360°

Trajectory 25°





| Arc  | Pressure   |            | Radius     | Flow               |              | Precip mm/hr |           |
|--|------------|------------|------------|--------------------|--------------|--------------|-----------|
|  | bar        | kPa        |            | m <sup>3</sup> /hr | l/min        | ■            | ▲         |
| 90°<br>  | 1.0        | 100        | 4.2        | 0.18               | 2.95         | 40           | 46        |
|  | 1.5        | 150        | 4.4        | 0.20               | 3.33         | 41           | 48        |
|  | <b>2.1</b> | <b>210</b> | <b>4.6</b> | <b>0.22</b>        | <b>3.63</b>  | <b>41</b>    | <b>48</b> |
|  | 2.5        | 250        | 4.7        | 0.24               | 4.05         | 44           | 51        |
|  | 3.0        | 300        | 4.8        | 0.26               | 4.28         | 45           | 51        |
| 180°<br> | 1.0        | 100        | 4.2        | 0.35               | 5.78         | 39           | 45        |
|  | 1.5        | 150        | 4.4        | 0.38               | 6.38         | 40           | 46        |
|  | <b>2.1</b> | <b>210</b> | <b>4.6</b> | <b>0.42</b>        | <b>7.08</b>  | <b>40</b>    | <b>46</b> |
|  | 2.5        | 250        | 4.7        | 0.47               | 7.76         | 42           | 49        |
|  | 3.0        | 300        | 4.8        | 0.50               | 8.39         | 44           | 50        |
| 270°<br> | 1.0        | 100        | 4.2        | 0.52               | 8.67         | 39           | 45        |
|  | 1.5        | 150        | 4.4        | 0.57               | 9.58         | 40           | 46        |
|  | <b>2.1</b> | <b>210</b> | <b>4.6</b> | <b>0.64</b>        | <b>10.62</b> | <b>40</b>    | <b>46</b> |
|  | 2.5        | 250        | 4.7        | 0.70               | 11.64        | 42           | 49        |
|  | 3.0        | 300        | 4.8        | 0.75               | 12.59        | 42           | 50        |
| 360°<br> | 1.0        | 100        | 4.2        | 0.69               | 11.56        | 39           | 45        |
|  | 1.5        | 150        | 4.4        | 0.77               | 12.77        | 40           | 46        |
|  | <b>2.1</b> | <b>210</b> | <b>4.6</b> | <b>0.85</b>        | <b>14.16</b> | <b>40</b>    | <b>46</b> |
|  | 2.5        | 250        | 4.7        | 0.93               | 15.52        | 42           | 49        |
|  | 3.0        | 300        | 4.8        | 1.01               | 16.78        | 44           | 50        |

#### 17A-HE GREY •

**Radius:** 4.6 m

Adjustable from 0° to 360°

Trajectory 25°

| Arc  | Pressure   |            | Radius     | Flow               |              | Precip mm/hr |           |
|--|------------|------------|------------|--------------------|--------------|--------------|-----------|
|  | bar        | kPa        |            | m <sup>3</sup> /hr | l/min        | ■            | ▲         |
| 90°<br>  | 1.0        | 100        | 4.6        | 0.22               | 3.61         | 41           | 47        |
|  | 1.5        | 150        | 4.8        | 0.24               | 4.04         | 42           | 49        |
|  | <b>2.1</b> | <b>210</b> | <b>5.2</b> | <b>0.28</b>        | <b>4.69</b>  | <b>42</b>    | <b>48</b> |
|  | 2.5        | 250        | 5.3        | 0.29               | 4.90         | 42           | 48        |
|  | 3.0        | 300        | 5.4        | 0.31               | 5.25         | 43           | 50        |
| 180°<br> | 1.0        | 100        | 4.6        | 0.40               | 6.68         | 38           | 44        |
|  | 1.5        | 150        | 4.8        | 0.46               | 7.70         | 40           | 46        |
|  | <b>2.1</b> | <b>210</b> | <b>5.2</b> | <b>0.54</b>        | <b>8.93</b>  | <b>40</b>    | <b>46</b> |
|  | 2.5        | 250        | 5.3        | 0.56               | 9.33         | 40           | 46        |
|  | 3.0        | 300        | 5.4        | 0.50               | 10.02        | 41           | 48        |
| 270°<br> | 1.0        | 100        | 4.6        | 0.60               | 10.02        | 38           | 44        |
|  | 1.5        | 150        | 4.8        | 0.69               | 11.55        | 40           | 46        |
|  | <b>2.1</b> | <b>210</b> | <b>5.2</b> | <b>0.80</b>        | <b>13.40</b> | <b>40</b>    | <b>46</b> |
|  | 2.5        | 250        | 5.3        | 0.84               | 14.00        | 40           | 46        |
|  | 3.0        | 300        | 5.4        | 0.90               | 15.05        | 41           | 48        |
| 360°<br> | 1.0        | 100        | 4.6        | 0.80               | 13.36        | 38           | 44        |
|  | 1.5        | 150        | 4.8        | 0.92               | 15.40        | 40           | 46        |
|  | <b>2.1</b> | <b>210</b> | <b>5.2</b> | <b>1.07</b>        | <b>17.87</b> | <b>40</b>    | <b>46</b> |
|  | 2.5        | 250        | 5.3        | 1.12               | 18.66        | 40           | 46        |
|  | 3.0        | 300        | 5.4        | 1.29               | 20.06        | 41           | 48        |

**Bold** = Recommended pressure

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