

# Product Performance Table

| PRODUCT IDENTIFICATION & SPRAY PATTERNS                               |                                |               |                        |                     | SWIVELS            |                   |                   |                    |                   | SPREADERS         |                   |                   |                   |                    |                   |                           |                   |  |  |  |
|---|--------------------------------|---------------|------------------------|---------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|---------------------------|-------------------|--|--|--|
|   |                                |               |                        |                     | Yellow Short Range | Blue Mid Range    | Grey Anti - Bug   | Black Medium Range | Orange Long Range | Orange Concave    | Yellow Convex     | Red 180 Deg.      | Brown 90 Deg.     | Blue Strip         | Green 16 Stream   | Black Up - Down 16 Stream | Grey 13 Stream    |  |  |  |
| <b>SPRAY TRAJECTORIES</b><br>Angles shown are for reference only.<br> |                                |               |                        |                     |                    |                   |                   |                    |                   |                   |                   |                   |                   |                    |                   |                           |                   |  |  |  |
| FILTRATION  | Nozzle Size (mm <sup>2</sup> ) | Nozzle Colour | Operating Pressure (M) | Nominal Flow (L/HR) | Wetted Radius (M)  | Wetted Radius (M) | Wetted Radius (M) | Wetted Radius (M)  | Wetted Radius (M) | Wetted Radius (M) | Wetted Radius (M) | Wetted Radius (M) | Wetted Radius (M) | Wetted Pattern (M) | Wetted Radius (M) | Wetted Radius (M)         | Wetted Radius (M) |  |  |  |
| 130 Micron or Less Recommended  | 0.9                            | Red           | 10                     | 20                  | 0.9                | 1.5               | 2.4               | 2.4                | 3.0               | 0.3               | 1.0               | 1.2               | 0.7               | 1.4x0.45           | 1.3               | 1.3                       | 1.3               |  |  |  |
|   |                                |               | 12.5                   | 22                  | 0.9                | 1.5               | 2.5               | 2.5                | 3.3               | 0.35              | 1.05              | 1.25              | 0.8               | 1.45x0.45          | 1.35              | 1.35                      | 1.35              |  |  |  |
|   |                                |               | 15                     | 24.5                | 1.0                | 1.6               | 2.6               | 2.6                | 3.5               | 0.4               | 1.1               | 1.3               | 0.9               | 1.5x0.45           | 1.4               | 1.4                       | 1.4               |  |  |  |
|   |                                |               | 17.5                   | 26.5                | 1.0                | 1.6               | 2.7               | 2.7                | 3.6               | 0.45              | 1.15              | 1.35              | 1.05              | 1.55x0.45          | 1.45              | 1.45                      | 1.45              |  |  |  |
|   | 1.0                            | Brown         | 10                     | 30                  | 1.0                | 1.5               | 2.5               | 2.5                | 3.3               | 0.35              | 1.0               | 1.2               | 1.2               | 1.65x0.45          | 1.55              | 1.55                      | 1.55              |  |  |  |
|   |                                |               | 12.5                   | 33.5                | 1.0                | 1.6               | 2.6               | 2.6                | 3.4               | 0.4               | 1.05              | 1.25              | 1.23              | 1.75x0.45          | 1.6               | 1.6                       | 1.6               |  |  |  |
|   |                                |               | 15                     | 37                  | 1.1                | 1.6               | 2.7               | 2.7                | 3.5               | 0.45              | 1.1               | 1.3               | 1.26              | 1.85x0.45          | 1.7               | 1.7                       | 1.7               |  |  |  |
|   |                                |               | 17.5                   | 40                  | 1.1                | 1.7               | 2.8               | 2.8                | 3.6               | 0.5               | 1.2               | 1.35              | 1.3               | 1.95x0.5           | 1.75              | 1.75                      | 1.75              |  |  |  |
|   |                                | Blue          | 10                     | 40                  | 1.1                | 1.5               | 2.5               | 2.5                | 3.3               | 0.45              | 1.0               | 1.2               | 1.25              | 1.95x0.5           | 1.85              | 1.85                      | 1.85              |  |  |  |
|   |                                |               | 12.5                   | 45                  | 1.1                | 1.6               | 2.6               | 2.6                | 3.5               | 0.45              | 1.1               | 1.3               | 1.28              | 2.05x0.5           | 1.9               | 1.9                       | 1.9               |  |  |  |
|   |                                |               | 15                     | 49                  | 1.2                | 1.7               | 2.7               | 2.7                | 3.6               | 0.5               | 1.15              | 1.35              | 1.31              | 2.2x0.5            | 1.95              | 1.95                      | 1.95              |  |  |  |
|   |                                |               | 17.5                   | 53                  | 1.2                | 1.7               | 2.8               | 2.8                | 3.7               | 0.55              | 1.2               | 1.4               | 1.35              | 2.3x0.55           | 2.0               | 2.0                       | 2.0               |  |  |  |
|   | 1.2                            | Grey          | 10                     | 50                  | 1.2                | 1.6               | 2.6               | 2.6                | 3.4               | 0.5               | 1.0               | 1.2               | 1.2               | 2.2x0.5            | 2.1               | 2.1                       | 2.1               |  |  |  |
|   |                                |               | 12.5                   | 56                  | 1.2                | 1.6               | 2.7               | 2.7                | 3.5               | 0.55              | 1.1               | 1.3               | 1.3               | 2.35x0.55          | 2.2               | 2.2                       | 2.2               |  |  |  |
|   |                                |               | 15                     | 61                  | 1.3                | 1.7               | 2.8               | 2.8                | 3.7               | 0.6               | 1.15              | 1.35              | 1.35              | 2.55x0.55          | 2.25              | 2.25                      | 2.25              |  |  |  |
|   |                                |               | 17.5                   | 66                  | 1.3                | 1.7               | 2.9               | 2.9                | 3.8               | 0.65              | 1.25              | 1.4               | 1.4               | 2.7x0.6            | 2.3               | 2.3                       | 2.3               |  |  |  |
|   | 1.4                            | Black         | 10                     | 60                  | 1.3                | 1.6               | 2.6               | 2.6                | 3.5               | 0.5               | 1.0               | 1.2               | 1.27              | 2.2 x 0.6          | 2.1               | 2.1                       | 2.1               |  |  |  |
|   |                                |               | 12.5                   | 67                  | 1.3                | 1.7               | 2.8               | 2.8                | 3.6               | 0.55              | 1.1               | 1.25              | 1.3               | 2.3 x 0.6          | 2.2               | 2.2                       | 2.2               |  |  |  |
|   |                                |               | 15                     | 73                  | 1.4                | 1.7               | 2.8               | 2.8                | 3.6               | 0.55              | 1.1               | 1.25              | 1.35              | 2.3 x 0.6          | 2.2               | 2.2                       | 2.2               |  |  |  |
|   |                                |               | 17.5                   | 79                  | 1.4                | 1.7               | 2.8               | 2.8                | 3.6               | 0.55              | 1.1               | 1.25              | 1.4               | 2.3 x 0.65         | 2.2               | 2.2                       | 2.2               |  |  |  |
| 1.5   | Green                          | 10            | 70                     | -                   | 1.6                | 2.7               | 2.7               | 3.5                | 0.5               | 1.05              | 1.2               | 1.3               | 2.25 x 0.6        | 2.15               | 2.15              | 2.15                      |                   |  |  |  |
|   |                                | 12.5          | 78                     | -                   | 1.7                | 2.8               | 2.8               | 3.7                | 0.55              | 1.15              | 1.3               | 1.3               | 2.45 x 0.6        | 2.3                | 2.3               | 2.3                       |                   |  |  |  |
|   |                                | 15            | 86                     | -                   | 1.8                | 2.9               | 2.9               | 3.8                | 0.6               | 1.2               | 1.4               | 1.4               | 2.6 x 0.65        | 2.45               | 2.45              | 2.45                      |                   |  |  |  |
|   |                                | 17.5          | 93                     | -                   | 1.8                | 3.0               | 3.0               | 3.9                | 0.65              | 1.3               | 1.55              | 1.5               | 2.8 x 0.65        | 2.6                | 2.6               | 2.6                       |                   |  |  |  |
| 1.7   | Orange                         | 10            | 90                     | -                   | 1.7                | 2.7               | 2.7               | 3.6                | 0.5               | 1.05              | 1.2               | 1.3               | 2.25 x 0.7        | 2.15               | 2.15              | 2.15                      |                   |  |  |  |
|   |                                | 12.5          | 101                    | -                   | 1.7                | 2.9               | 2.9               | 3.8                | 0.55              | 1.15              | 1.3               | 1.35              | 2.4 x 0.7         | 2.35               | 2.35              | 2.35                      |                   |  |  |  |
|   |                                | 15            | 110                    | -                   | 1.8                | 3.0               | 3.0               | 3.9                | 0.6               | 1.25              | 1.4               | 1.5               | 2.6 x 0.7         | 2.55               | 2.55              | 2.55                      |                   |  |  |  |
|   |                                | 17.5          | 119                    | -                   | 1.8                | 3.0               | 3.0               | 4.0                | 0.65              | 1.35              | 1.5               | 1.7               | 2.8 x 0.7         | 2.7                | 2.7               | 2.7                       |                   |  |  |  |
| 2.0   | Yellow                         | 10            | 110                    | -                   | 1.7                | 2.8               | 2.8               | 3.7                | 0.5               | 1.1               | 1.2               | 1.4               | 2.3 x 0.7         | 2.2                | 2.2               | 2.2                       |                   |  |  |  |
|   |                                | 12.5          | 123                    | -                   | 1.8                | 2.9               | 2.9               | 3.9                | 0.55              | 1.2               | 1.3               | 1.5               | 2.45 x 0.7        | 2.4                | 2.4               | 2.4                       |                   |  |  |  |
|   |                                | 15            | 135                    | -                   | 1.9                | 3.0               | 3.0               | 4.0                | 0.6               | 1.3               | 1.45              | 1.7               | 2.65 x 0.7        | 2.65               | 2.65              | 2.65                      |                   |  |  |  |
|   |                                | 17.5          | 145.5                  | -                   | 1.9                | 3.1               | 3.1               | 4.2                | 0.65              | 1.4               | 1.55              | 1.9               | 2.85 x 0.7        | 2.8                | 2.8               | 2.8                       |                   |  |  |  |
|   |                                |               | 20                     | 156                 | -                  | 2.0               | 3.2               | 3.2                | 4.3               | 0.7               | 1.5               | 1.7               | 2.0               | 3.0 x 0.7          | 3.1               | 3.1                       | 3.1               |  |  |  |

= NOT RECOMMENDED

Wetted radius data is based on the sprinkler being mounted 300mm above ground level.

The above information is in metric format

Recommendations for filtration are for guideline purposes only and do not constitute any guarantee

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