



| Nozzle Model                                                                                            | Pressure |     | Width<br>x Length | Flow  |       |
|---------------------------------------------------------------------------------------------------------|----------|-----|-------------------|-------|-------|
|                                                                                                         | Bar      | kPa |                   | m³/hr | l/min |
|  SS-530<br>Side Strip | 1.0      | 100 | 2.2 m x 8.5 m     | 0.21  | 3.5   |
|                                                                                                         | 1.5      | 150 | 2.4 m x 8.5 m     | 0.25  | 4.2   |
|                                                                                                         | 2.0      | 200 | 1.5 m x 9.0 m     | 0.29  | 4.9   |
|                                                                                                         | 2.1      | 210 | 1.5 m x 9.0 m     | 0.30  | 5.0   |
|                                                                                                         | 2.5      | 250 | 1.5 m x 9.0 m     | 0.33  | 5.5   |

PS Ultra Standard Nozzles Performance Data – Metric

|                                                                                             |          |     | 3.0 m Radius<br>Adjustable from 0° to 360°<br>Trajectory: 15°<br>Color Code: Red |       |       |                 |    |             | 3.7 m Radius<br>Adjustable from 0° to 360°<br>Trajectory: 28°<br>Color Code: Green |       |                 |    |             |       | 4.6 m Radius<br>Adjustable from 0° to 360°<br>Trajectory: 28°<br>Color Code: Black |                 |    |             |       |       | 5.2 m Radius<br>Adjustable from 0° to 360°<br>Trajectory: 28°<br>Color Code: Gray |    |  |  |  |  |
|---------------------------------------------------------------------------------------------|----------|-----|----------------------------------------------------------------------------------|-------|-------|-----------------|----|-------------|------------------------------------------------------------------------------------|-------|-----------------|----|-------------|-------|------------------------------------------------------------------------------------|-----------------|----|-------------|-------|-------|-----------------------------------------------------------------------------------|----|--|--|--|--|
| Arc                                                                                         | Pressure |     | Radius<br>m                                                                      | Flow  |       | Precip<br>mm/hr |    | Radius<br>m | Flow                                                                               |       | Precip<br>mm/hr |    | Radius<br>m | Flow  |                                                                                    | Precip<br>mm/hr |    | Radius<br>m | Flow  |       | Precip<br>mm/hr                                                                   |    |  |  |  |  |
|                                                                                             | Bar      | kPa |                                                                                  | m³/hr | l/min | ■               | ▲  |             | m³/hr                                                                              | l/min | ■               | ▲  |             | m³/hr | l/min                                                                              | ■               | ▲  |             | m³/hr | l/min | ■                                                                                 | ▲  |  |  |  |  |
| 45°<br>    | 1.0      | 100 | 2.1                                                                              | 0.04  | 0.63  | 68              | 79 | 2.7         | 0.05                                                                               | 0.81  | 53              | 61 | 3.4         | 0.07  | 1.19                                                                               | 50              | 57 | 4.7         | 0.09  | 1.54  | 33                                                                                | 39 |  |  |  |  |
|                                                                                             | 1.5      | 150 | 2.4                                                                              | 0.05  | 0.79  | 66              | 76 | 3.2         | 0.06                                                                               | 1.01  | 47              | 55 | 3.9         | 0.09  | 1.49                                                                               | 47              | 54 | 4.9         | 0.12  | 1.93  | 38                                                                                | 44 |  |  |  |  |
|                                                                                             | 2.0      | 200 | 3.0                                                                              | 0.06  | 0.92  | 49              | 57 | 3.7         | 0.07                                                                               | 1.18  | 42              | 48 | 4.6         | 0.10  | 1.75                                                                               | 40              | 46 | 5.2         | 0.14  | 2.26  | 40                                                                                | 46 |  |  |  |  |
|                                                                                             | 2.1      | 210 | 3.3                                                                              | 0.06  | 0.95  | 42              | 48 | 4.0         | 0.07                                                                               | 1.22  | 36              | 42 | 4.9         | 0.11  | 1.80                                                                               | 36              | 41 | 5.5         | 0.14  | 2.32  | 37                                                                                | 42 |  |  |  |  |
|                                                                                             | 2.5      | 250 | 3.5                                                                              | 0.06  | 1.04  | 41              | 47 | 4.2         | 0.08                                                                               | 1.34  | 36              | 42 | 5.2         | 0.12  | 1.98                                                                               | 35              | 40 | 5.7         | 0.15  | 2.55  | 38                                                                                | 43 |  |  |  |  |
| 90°<br>    | 1.0      | 100 | 2.1                                                                              | 0.08  | 1.26  | 68              | 79 | 2.7         | 0.10                                                                               | 1.62  | 53              | 61 | 3.4         | 0.14  | 2.39                                                                               | 50              | 57 | 4.7         | 0.18  | 3.08  | 33                                                                                | 39 |  |  |  |  |
|                                                                                             | 1.5      | 150 | 2.4                                                                              | 0.09  | 1.57  | 66              | 76 | 3.2         | 0.12                                                                               | 2.02  | 47              | 55 | 3.9         | 0.18  | 2.89                                                                               | 47              | 54 | 4.9         | 0.23  | 3.85  | 38                                                                                | 44 |  |  |  |  |
|                                                                                             | 2.0      | 200 | 3.0                                                                              | 0.11  | 1.84  | 49              | 57 | 3.7         | 0.14                                                                               | 2.37  | 42              | 48 | 4.6         | 0.21  | 3.50                                                                               | 40              | 46 | 5.2         | 0.27  | 4.51  | 40                                                                                | 46 |  |  |  |  |
|                                                                                             | 2.1      | 210 | 3.3                                                                              | 0.11  | 1.89  | 42              | 48 | 4.0         | 0.15                                                                               | 2.43  | 36              | 42 | 4.9         | 0.22  | 3.59                                                                               | 36              | 41 | 5.5         | 0.28  | 4.63  | 37                                                                                | 42 |  |  |  |  |
|                                                                                             | 2.5      | 250 | 3.5                                                                              | 0.12  | 2.08  | 41              | 47 | 4.2         | 0.16                                                                               | 2.68  | 36              | 42 | 5.2         | 0.24  | 3.95                                                                               | 35              | 40 | 5.7         | 0.31  | 5.10  | 38                                                                                | 43 |  |  |  |  |
| 120°<br>  | 1.0      | 100 | 2.1                                                                              | 0.10  | 1.68  | 68              | 79 | 2.7         | 0.13                                                                               | 2.16  | 53              | 61 | 3.4         | 0.19  | 3.18                                                                               | 50              | 57 | 4.7         | 0.25  | 4.11  | 33                                                                                | 39 |  |  |  |  |
|                                                                                             | 1.5      | 150 | 2.4                                                                              | 0.13  | 2.10  | 66              | 76 | 3.2         | 0.16                                                                               | 2.70  | 47              | 55 | 3.9         | 0.24  | 3.98                                                                               | 47              | 54 | 4.9         | 0.31  | 5.13  | 38                                                                                | 44 |  |  |  |  |
|                                                                                             | 2.0      | 200 | 3.0                                                                              | 0.15  | 2.46  | 49              | 57 | 3.7         | 0.19                                                                               | 3.16  | 42              | 48 | 4.6         | 0.28  | 4.66                                                                               | 40              | 46 | 5.2         | 0.36  | 6.01  | 40                                                                                | 46 |  |  |  |  |
|                                                                                             | 2.1      | 210 | 3.3                                                                              | 0.15  | 2.52  | 42              | 48 | 4.0         | 0.19                                                                               | 3.24  | 36              | 42 | 4.9         | 0.29  | 4.79                                                                               | 36              | 41 | 5.5         | 0.37  | 6.18  | 37                                                                                | 42 |  |  |  |  |
|                                                                                             | 2.5      | 250 | 3.5                                                                              | 0.17  | 2.78  | 41              | 47 | 4.2         | 0.21                                                                               | 3.57  | 36              | 42 | 5.2         | 0.32  | 5.27                                                                               | 35              | 40 | 5.7         | 0.41  | 6.80  | 38                                                                                | 43 |  |  |  |  |
| 180°<br> | 1.0      | 100 | 2.1                                                                              | 0.15  | 2.52  | 68              | 79 | 2.7         | 0.19                                                                               | 3.23  | 53              | 61 | 3.4         | 0.29  | 4.77                                                                               | 50              | 57 | 4.7         | 0.37  | 6.16  | 33                                                                                | 39 |  |  |  |  |
|                                                                                             | 1.5      | 150 | 2.4                                                                              | 0.19  | 3.14  | 66              | 76 | 3.2         | 0.24                                                                               | 4.04  | 47              | 55 | 3.9         | 0.36  | 5.97                                                                               | 47              | 54 | 4.9         | 0.46  | 7.70  | 38                                                                                | 44 |  |  |  |  |
|                                                                                             | 2.0      | 200 | 3.0                                                                              | 0.22  | 3.68  | 49              | 57 | 3.7         | 0.28                                                                               | 4.74  | 42              | 48 | 4.6         | 0.42  | 6.99                                                                               | 40              | 46 | 5.2         | 0.54  | 9.02  | 40                                                                                | 46 |  |  |  |  |
|                                                                                             | 2.1      | 210 | 3.3                                                                              | 0.23  | 3.78  | 42              | 48 | 4.0         | 0.29                                                                               | 4.86  | 36              | 42 | 4.9         | 0.43  | 7.18                                                                               | 36              | 41 | 5.5         | 0.56  | 9.27  | 37                                                                                | 42 |  |  |  |  |
|                                                                                             | 2.5      | 250 | 3.5                                                                              | 0.25  | 4.16  | 41              | 47 | 4.2         | 0.32                                                                               | 5.35  | 36              | 42 | 5.2         | 0.47  | 7.90                                                                               | 35              | 40 | 5.7         | 0.61  | 10.20 | 38                                                                                | 43 |  |  |  |  |
| 240°<br> | 1.0      | 100 | 2.1                                                                              | 0.20  | 3.35  | 68              | 79 | 2.7         | 0.26                                                                               | 4.31  | 53              | 61 | 3.4         | 0.38  | 6.37                                                                               | 50              | 57 | 4.7         | 0.49  | 8.21  | 33                                                                                | 39 |  |  |  |  |
|                                                                                             | 1.5      | 150 | 2.4                                                                              | 0.25  | 4.19  | 66              | 76 | 3.2         | 0.32                                                                               | 5.39  | 47              | 55 | 3.9         | 0.48  | 7.96                                                                               | 47              | 54 | 4.9         | 0.62  | 10.27 | 38                                                                                | 44 |  |  |  |  |
|                                                                                             | 2.0      | 200 | 3.0                                                                              | 0.29  | 4.91  | 49              | 57 | 3.7         | 0.38                                                                               | 6.31  | 42              | 48 | 4.6         | 0.56  | 9.32                                                                               | 40              | 46 | 5.2         | 0.72  | 12.03 | 40                                                                                | 46 |  |  |  |  |
|                                                                                             | 2.1      | 210 | 3.3                                                                              | 0.30  | 5.04  | 42              | 48 | 4.0         | 0.39                                                                               | 6.49  | 36              | 42 | 4.9         | 0.57  | 9.57                                                                               | 36              | 41 | 5.5         | 0.74  | 12.35 | 37                                                                                | 42 |  |  |  |  |
|                                                                                             | 2.5      | 250 | 3.5                                                                              | 0.33  | 5.55  | 41              | 47 | 4.2         | 0.43                                                                               | 7.14  | 36              | 42 | 5.2         | 0.63  | 10.54                                                                              | 35              | 40 | 5.7         | 0.82  | 13.60 | 38                                                                                | 43 |  |  |  |  |
| 270°<br> | 1.0      | 100 | 2.1                                                                              | 0.23  | 3.77  | 68              | 79 | 2.7         | 0.29                                                                               | 4.85  | 53              | 61 | 3.4         | 0.43  | 7.16                                                                               | 50              | 57 | 4.7         | 0.55  | 9.24  | 33                                                                                | 39 |  |  |  |  |
|                                                                                             | 1.5      | 150 | 2.4                                                                              | 0.28  | 4.72  | 66              | 76 | 3.2         | 0.36                                                                               | 6.06  | 47              | 55 | 3.9         | 0.54  | 8.95                                                                               | 47              | 54 | 4.9         | 0.69  | 11.55 | 38                                                                                | 44 |  |  |  |  |
|                                                                                             | 2.0      | 200 | 3.0                                                                              | 0.33  | 5.52  | 49              | 57 | 3.7         | 0.43                                                                               | 7.10  | 42              | 48 | 4.6         | 0.63  | 10.49                                                                              | 40              | 46 | 5.2         | 0.81  | 13.53 | 40                                                                                | 46 |  |  |  |  |
|                                                                                             | 2.1      | 210 | 3.3                                                                              | 0.34  | 5.68  | 42              | 48 | 4.0         | 0.44                                                                               | 7.30  | 36              | 42 | 4.9         | 0.65  | 10.77                                                                              | 36              | 41 | 5.5         | 0.83  | 13.90 | 37                                                                                | 42 |  |  |  |  |
|                                                                                             | 2.5      | 250 | 3.5                                                                              | 0.37  | 6.25  | 41              | 47 | 4.2         | 0.48                                                                               | 8.03  | 36              | 42 | 5.2         | 0.71  | 11.86                                                                              | 35              | 40 | 5.7         | 0.92  | 15.30 | 38                                                                                | 43 |  |  |  |  |
| 360°<br> | 1.0      | 100 | 2.1                                                                              | 0.30  | 5.03  | 68              | 79 | 2.7         | 0.39                                                                               | 6.47  | 53              | 61 | 3.4         | 0.57  | 9.55                                                                               | 50              | 57 | 4.7         | 0.74  | 12.32 | 33                                                                                | 39 |  |  |  |  |
|                                                                                             | 1.5      | 150 | 2.4                                                                              | 0.38  | 6.29  | 66              | 76 | 3.2         | 0.49                                                                               | 8.09  | 47              | 55 | 3.9         | 0.72  | 11.94                                                                              | 47              | 54 | 4.9         | 0.92  | 15.40 | 38                                                                                | 44 |  |  |  |  |
|                                                                                             | 2.0      | 200 | 3.0                                                                              | 0.44  | 7.37  | 49              | 57 | 3.7         | 0.57                                                                               | 9.47  | 42              | 48 | 4.6         | 0.84  | 13.98                                                                              | 40              | 46 | 5.2         | 1.08  | 18.04 | 40                                                                                | 46 |  |  |  |  |
|                                                                                             | 2.1      | 210 | 3.3                                                                              | 0.45  | 7.57  | 42              | 48 | 4.0         | 0.58                                                                               | 9.73  | 36              | 42 | 4.9         | 0.86  | 14.36                                                                              | 36              | 41 | 5.5         | 1.11  | 18.53 | 37                                                                                | 42 |  |  |  |  |
|                                                                                             | 2.5      | 250 | 3.5                                                                              | 0.50  | 8.33  | 41              | 47 | 4.2         | 0.64                                                                               | 10.71 | 36              | 42 | 5.2         | 0.95  | 15.81                                                                              | 35              | 40 | 5.7         | 1.22  | 20.40 | 38                                                                                | 43 |  |  |  |  |