

720/720G Series

720 Series MultiMatrx Nozzle Performance @ 25° Trajectory—Metric

| Nozzle Set | Base Pressure | | | LPM | Radius |
|------------|---------------|-----|--------------------|------|--------|
| | Bar | kPa | Kg/cm ² | | |
| 3.0 | 3,5 | 350 | 3,57 | 11,5 | 9,8 |
| | 4,5 | 450 | 4,59 | 13,0 | 9,8 |
| | 5,5 | 550 | 5,61 | 14,4 | 9,8 |
| 4.0 | 3,5 | 350 | 3,57 | 15,8 | 10,1 |
| | 4,5 | 450 | 4,59 | 17,8 | 10,7 |
| | 5,5 | 550 | 5,61 | 19,8 | 10,7 |
| 4.5 | 3,5 | 350 | 3,57 | 18,1 | 10,7 |
| | 4,5 | 450 | 4,59 | 20,5 | 11,0 |
| | 5,5 | 550 | 5,61 | 22,7 | 11,3 |
| 6.0 | 3,5 | 350 | 3,57 | 22,7 | 11,3 |
| | 4,5 | 450 | 4,59 | 26,1 | 11,9 |
| | 5,5 | 550 | 5,61 | 29,1 | 11,9 |
| 8.0 | 3,5 | 350 | 3,57 | 28,4 | 11,7 |
| | 4,5 | 450 | 4,59 | 32,7 | 12,8 |
| | 5,5 | 550 | 5,61 | 36,8 | 12,8 |
| 9.0 | 3,5 | 350 | 3,57 | 31,0 | 12,5 |
| | 4,5 | 450 | 4,59 | 36,6 | 13,4 |
| | 5,5 | 550 | 5,61 | 40,6 | 14,3 |

720 Series MultiMatrx Nozzle Performance @ 25° Trajectory—U.S.

| Nozzle Set | psi | GPM | Radius | Prec. Rate* | |
|------------|-----|-------|--------|-------------|------|
| | | | | △ | □ |
| 3.0 | 50 | 3.00 | 32 | 0.24 | 0.28 |
| | 65 | 3.42 | 32 | 0.28 | 0.32 |
| | 80 | 3.81 | 32 | 0.31 | 0.36 |
| 4.0 | 50 | 4.16 | 33 | 0.32 | 0.37 |
| | 65 | 4.69 | 35 | 0.32 | 0.37 |
| | 80 | 5.25 | 35 | 0.36 | 0.41 |
| 4.5 | 50 | 4.75 | 35 | 0.32 | 0.37 |
| | 65 | 5.41 | 36 | 0.25 | 0.40 |
| | 80 | 6.02 | 37 | 0.37 | 0.42 |
| 6.0 | 50 | 5.95 | 37 | 0.36 | 0.42 |
| | 65 | 6.87 | 39 | 0.38 | 0.43 |
| | 80 | 7.71 | 39 | 0.42 | 0.49 |
| 8.0 | 50 | 7.43 | 38 | 0.43 | 0.50 |
| | 65 | 8.61 | 42 | 0.41 | 0.47 |
| | 80 | 9.75 | 42 | 0.46 | 0.53 |
| 9.0 | 50 | 8.14 | 41 | 0.40 | 0.47 |
| | 65 | 9.67 | 44 | 0.42 | 0.48 |
| | 80 | 10.75 | 47 | 0.41 | 0.47 |

720G Series MultiMatrx Low-pressure Nozzle Performance Data—Metric

| Nozzle Set | Base Pressure | | | LPM | Radius | m ² /hr |
|------------|---------------|-----|--------------------|------|--------|--------------------|
| | Bar | kPa | Kg/cm ² | | | |
| 4.0 | 2,0 | 200 | 2,04 | 4,0 | 9,0 | 0,24 |
| | 2,5 | 250 | 2,55 | 4,4 | 9,2 | 0,26 |
| | 3,0 | 300 | 3,06 | 4,8 | 9,5 | 0,29 |
| | 3,5 | 350 | 3,57 | 5,1 | 9,5 | 0,30 |
| | 4,0 | 400 | 4,08 | 5,3 | 9,3 | 0,30 |
| | 4,5 | 450 | 4,59 | 5,5 | 9,2 | 0,30 |
| 6.0 | 5,0 | 500 | 5,10 | 5,7 | 9,2 | 0,30 |
| | 2,0 | 200 | 2,04 | 4,8 | 9,4 | 0,29 |
| | 2,5 | 250 | 2,55 | 5,3 | 9,8 | 0,32 |
| | 3,0 | 300 | 3,06 | 5,8 | 10,1 | 0,35 |
| | 3,5 | 350 | 3,57 | 6,3 | 10,1 | 0,38 |
| | 4,0 | 400 | 4,08 | 6,8 | 10,1 | 0,40 |
| 8.0 | 4,5 | 450 | 4,59 | 7,2 | 10,1 | 0,40 |
| | 5,0 | 500 | 5,10 | 7,5 | 9,8 | 0,40 |
| | 2,0 | 200 | 2,04 | 7,7 | 9,8 | 0,46 |
| | 2,5 | 250 | 2,55 | 8,5 | 10,7 | 0,51 |
| | 3,0 | 300 | 3,06 | 9,3 | 11,1 | 0,56 |
| | 3,5 | 350 | 3,57 | 10,0 | 11,3 | 0,60 |
| 11.0 | 4,0 | 400 | 4,08 | 10,5 | 11,6 | 0,63 |
| | 4,5 | 450 | 4,59 | 10,7 | 11,6 | 0,64 |
| | 5,0 | 500 | 5,10 | 11,0 | 11,5 | 0,70 |
| | 2,0 | 200 | 2,04 | 9,5 | 10,0 | 0,57 |
| | 2,5 | 250 | 2,55 | 10,8 | 11,0 | 0,65 |
| | 3,0 | 300 | 3,06 | 11,9 | 11,4 | 0,72 |
| 15.0 | 3,5 | 350 | 3,57 | 13,0 | 11,6 | 0,78 |
| | 4,0 | 400 | 4,08 | 13,9 | 11,8 | 0,83 |
| | 4,5 | 450 | 4,59 | 14,6 | 11,9 | 0,87 |
| | 5,0 | 500 | 5,10 | 15,3 | 11,8 | 0,90 |
| | 2,0 | 200 | 2,04 | 12,4 | 10,0 | 0,74 |
| | 2,5 | 250 | 2,55 | 14,3 | 11,0 | 0,86 |
| 17.0 | 3,0 | 300 | 3,06 | 15,9 | 11,9 | 0,95 |
| | 3,5 | 350 | 3,57 | 17,2 | 12,5 | 1,03 |
| | 4,0 | 400 | 4,08 | 18,4 | 12,6 | 1,11 |
| | 4,5 | 450 | 4,59 | 19,5 | 12,8 | 1,17 |
| | 5,0 | 500 | 5,10 | 20,2 | 12,8 | 1,20 |
| | 2,0 | 200 | 2,04 | 13,7 | 10,0 | 0,82 |
| 23.0 | 2,5 | 250 | 2,55 | 15,7 | 11,4 | 0,94 |
| | 3,0 | 300 | 3,06 | 17,8 | 12,2 | 1,07 |
| | 3,5 | 350 | 3,57 | 19,4 | 12,8 | 1,16 |
| | 4,0 | 400 | 4,08 | 20,8 | 13,2 | 1,25 |
| | 4,5 | 450 | 4,59 | 21,9 | 13,7 | 1,32 |
| | 5,0 | 500 | 5,10 | 23,0 | 14,0 | 1,40 |
| 30.0 | 2,0 | 200 | 2,04 | 19,1 | 10,3 | 1,15 |
| | 2,5 | 250 | 2,55 | 21,9 | 12,3 | 1,31 |
| | 3,0 | 300 | 3,06 | 24,7 | 13,4 | 1,48 |
| | 3,5 | 350 | 3,57 | 26,1 | 14,3 | 1,56 |
| | 4,0 | 400 | 4,08 | 27,7 | 15,1 | 1,66 |
| | 4,5 | 450 | 4,59 | 29,3 | 15,5 | 1,76 |
| 34.0 | 5,0 | 500 | 5,10 | 30,6 | 15,9 | 1,84 |
| | 2,0 | 200 | 2,04 | 21,8 | 10,3 | 1,31 |
| | 2,5 | 250 | 2,55 | 26,9 | 12,3 | 1,61 |
| | 3,0 | 300 | 3,06 | 29,1 | 13,6 | 1,75 |
| | 3,5 | 350 | 3,57 | 31,8 | 14,6 | 1,91 |
| | 4,0 | 400 | 4,08 | 34,2 | 15,4 | 2,05 |
| 34.0 | 4,5 | 450 | 4,59 | 36,3 | 15,8 | 2,18 |
| | 5,0 | 500 | 5,10 | 38,2 | 16,5 | 2,29 |
| | 2,0 | 200 | 2,04 | 24,7 | 10,4 | 1,48 |
| | 2,5 | 250 | 2,55 | 28,6 | 12,3 | 1,72 |
| | 3,0 | 300 | 3,06 | 32,4 | 13,6 | 1,95 |
| | 3,5 | 350 | 3,57 | 35,5 | 14,6 | 2,13 |
| 34.0 | 4,0 | 400 | 4,08 | 38,1 | 15,5 | 2,29 |
| | 4,5 | 450 | 4,59 | 40,7 | 16,1 | 2,44 |
| | 5,0 | 500 | 5,10 | 42,7 | 16,5 | 2,56 |

720G Series MultiMatrx Low-pressure Nozzle Performance Data—U.S.

| Nozzle Set | psi | GPM | Radius | Prec. Rate* | | Nozzle Set | GPM | Radius | Prec. Rate* | | | |
|------------|-----|------|--------|-------------|------|---|--|--------|-------------|------|------|------|
| | | | | △ | □ | | | | △ | □ | | |
| 1.0 | 25 | 0.85 | 29 | 0.11 | 0.10 | 4.5 | 3.23 | 27 | 0.49 | 0.43 | | |
| | 30 | 0.94 | 30 | 0.12 | 0.10 | | 3.68 | 30 | 0.45 | 0.39 | | |
| | 35 | 1.02 | 31 | 0.12 | 0.10 | | 4.09 | 34 | 0.39 | 0.34 | | |
| | 40 | 1.08 | 31 | 0.12 | 0.11 | | 4.42 | 36 | 0.38 | 0.33 | | |
| | 45 | 1.12 | 31 | 0.13 | 0.11 | | 4.71 | 39 | 0.34 | 0.30 | | |
| | 50 | 1.17 | 31 | 0.14 | 0.12 | | 4.98 | 39 | 0.36 | 0.32 | | |
| | 55 | 1.21 | 31 | 0.14 | 0.12 | | 5.23 | 40 | 0.36 | 0.31 | | |
| | 60 | 1.24 | 32 | 0.13 | 0.12 | | 5.41 | 40 | 0.38 | 0.33 | | |
| | 65 | 1.28 | 32 | 0.14 | 0.12 | | 5.62 | 41 | 0.37 | 0.32 | | |
| | 70 | 1.31 | 31 | 0.15 | 0.13 | | 5.84 | 41 | 0.39 | 0.33 | | |
| | 75 | 1.34 | 30 | 0.17 | 0.14 | | 6.00 | 42 | 0.38 | 0.33 | | |
| | 1.5 | 25 | 1.05 | 25 | 0.19 | | 0.16 | 6.0 | 4.00 | 28 | 0.57 | 0.49 |
| | | 30 | 1.15 | 27 | 0.18 | | 0.15 | | 4.56 | 31 | 0.53 | 0.46 |
| | | 35 | 1.25 | 29 | 0.17 | | 0.11 | | 5.05 | 35 | 0.46 | 0.46 |
| | | 40 | 1.33 | 30 | 0.16 | | 0.14 | | 5.51 | 35 | 0.45 | 0.39 |
| 45 | | 1.42 | 31 | 0.16 | 0.14 | 5.90 | 39 | | 0.43 | 0.35 | | |
| 50 | | 1.49 | 31 | 0.17 | 0.15 | 6.27 | 41 | | 0.41 | 0.36 | | |
| 55 | | 1.35 | 31 | 0.18 | 0.16 | 6.61 | 42 | | 0.42 | 0.36 | | |
| 60 | | 1.60 | 30 | 0.20 | 0.17 | 6.87 | 43 | | 0.41 | 0.36 | | |
| 65 | | 1.66 | 30 | 0.21 | 0.18 | 7.14 | 44 | | 0.41 | 0.36 | | |
| 70 | | 1.70 | 30 | 0.21 | 0.18 | 7.43 | 44 | | 0.43 | 0.37 | | |
| 75 | | 1.75 | 30 | 0.22 | 0.19 | 7.68 | 44 | | 0.44 | 0.38 | | |
| 2.0 | | 25 | 1.44 | 27 | 0.22 | 0.19 | 8.0 | | 5.02 | 28 | 0.71 | 0.62 |
| | | 30 | 1.65 | 29 | 0.22 | 0.19 | | | 5.63 | 31 | 0.65 | 0.56 |
| | | 35 | 1.82 | 32 | 0.20 | 0.17 | | | 6.28 | 35 | 0.57 | 0.49 |
| | | 40 | 1.96 | 33 | 0.20 | 0.17 | | | 6.84 | 38 | 0.53 | 0.46 |
| | 45 | 2.08 | 31 | 0.20 | 0.17 | 7.36 | | 42 | 0.46 | 0.40 | | |
| | 50 | 2.15 | 34 | 0.21 | 0.18 | 7.85 | | 43 | 0.47 | 0.41 | | |
| | 55 | 2.29 | 35 | 0.21 | 0.18 | 8.26 | | 45 | 0.45 | 0.39 | | |
| | 60 | 2.39 | 35 | 0.22 | 0.19 | 8.61 | | 45 | 0.47 | 0.41 | | |
| | 65 | 2.48 | 36 | 0.21 | 0.18 | 8.99 | | 45 | 0.49 | 0.43 | | |
| | 70 | 2.57 | 36 | 0.22 | 0.19 | 9.29 | | 46 | 0.49 | 0.42 | | |
| | 75 | 2.64 | 37 | 0.21 | 0.19 | 9.61 | | 47 | 0.48 | 0.42 | | |
| | 3.0 | 25 | 1.85 | 26 | 0.30 | 0.26 | | 9.0 | 5.57 | 29 | 0.74 | 0.64 |
| | | 30 | 2.09 | 28 | 0.30 | 0.26 | | | 6.25 | 33 | 0.64 | 0.55 |
| | | 35 | 2.34 | 32 | 0.25 | 0.22 | | | 6.96 | 37 | 0.57 | 0.49 |
| | | 40 | 2.54 | 33 | 0.26 | 0.32 | | | 7.58 | 39 | 0.55 | 0.48 |
| 45 | | 2.73 | 34 | 0.26 | 0.23 | 8.16 | 42 | | 0.51 | 0.45 | | |
| 50 | | 2.89 | 34 | 0.28 | 0.24 | 8.75 | 44 | | 0.50 | 0.44 | | |
| 55 | | 3.04 | 35 | 0.28 | 0.24 | 9.23 | 46 | | 0.49 | 0.42 | | |
| 60 | | 3.15 | 35 | 0.29 | 0.25 | 9.67 | 47 | | 0.49 | 0.42 | | |
| 65 | | 3.30 | 36 | 0.28 | 0.25 | 10.09 | 49 | | 0.47 | 0.40 | | |
| 70 | | 3.42 | 36 | 0.29 | 0.25 | 10.42 | 49 | | 0.48 | 0.42 | | |
| 75 | | 3.55 | 37 | 0.29 | 0.25 | 10.89 | 50 | | 0.48 | 0.42 | | |
| 4.0 | | 25 | 2.73 | 26 | 0.45 | 0.39 | = Nozzles not recommended at this pressure. | | | | | |
| | | 30 | 3.09 | 30 | 0.38 | 0.33 | = Optimum nozzle performance. | | | | | |
| | | 35 | 3.47 | 33 | 0.35 | 0.31 | * △ Precipitation rates are for triangular spacing, shown in inches per hour, calculated at 50% of diameter. | | | | | |
| | | 40 | 3.72 | 34 | 0.36 | 0.31 | □ Precipitation rates are for square spacing, shown in inches per hour, calculated at 50% of diameter. | | | | | |
| | 45 | 4.06 | 35 | 0.37 | 0.32 | All performance specifications are based on the stated working pressure available at the base of the sprinkler. | | | | | | |
| | 50 | 4.31 | 36 | 0.37 | 0.32 | Radius shown in feet. Data based on 360°. | | | | | | |
| | 55 | 4.52 | 38 | 0.35 | 0.30 | | | | | | | |
| | 60 | 4.69 | 38 | 0.36 | 0.31 | | | | | | | |
| | 65 | 4.88 | 39 | 0.36 | 0.31 | | | | | | | |
| | 70 | 5.05 | 39 | 0.37 | 0.32 | | | | | | | |
| | 75 | 5.21 | 39 | 0.38 | 0.33 | | | | | | | |

720/720G Series