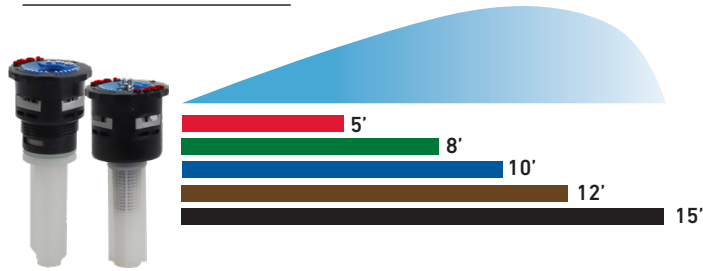


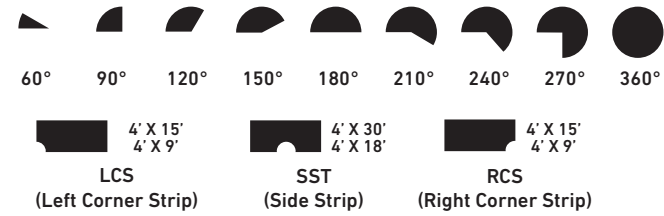
PRECISION™ SERIES SPRAY NOZZLES



Five Radii Available in Toro (Male) & Female Threads



Nine Arcs, Plus Side and Center Strips Available



PERFORMANCE DATA – PRECISION™ SERIES SPRAY NOZZLES

| Arc | model # (PSNXX-XX) | psi | gpm | Radius | Precip. Rate (in./hr.) | Precip. Rate (in./hr.) | model # (PSNXX-XX) | psi | gpm | Radius | Precip. Rate (in./hr.) | Precip. Rate (in./hr.) | model # (PSNXX-XX) | psi | gpm | Radius | Precip. Rate (in./hr.) | Precip. Rate (in./hr.) | |
|------|--------------------|-----|------|--------|------------------------|------------------------|--------------------|-----|------|--------|------------------------|------------------------|--------------------|-----|------|--------|------------------------|------------------------|-----|
| 60° | 5-60 | 20 | 0.04 | 4.7 | 1.0 | 1.2 | 8-60 | 20 | 0.10 | 7.6 | 1.0 | 1.2 | 10-60 | 20 | 0.16 | 9.5 | 1.0 | 1.0 | 1.2 |
| | | 30 | 0.04 | 5.0 | 1.0 | 1.2 | | 30 | 0.11 | 8.0 | 1.0 | 1.1 | | 30 | 0.17 | 10.0 | 1.0 | 1.0 | 1.1 |
| | | 40 | 0.04 | 5.0 | 1.0 | 1.2 | | 40 | 0.12 | 8.1 | 1.1 | 1.2 | | 40 | 0.18 | 10.0 | 1.0 | 1.0 | 1.2 |
| | | 50 | 0.05 | 5.3 | 1.0 | 1.1 | | 50 | 0.13 | 8.3 | 1.1 | 1.3 | | 50 | 0.19 | 10.0 | 1.1 | 1.3 | |
| 90° | 5-Q | 20 | 0.06 | 4.6 | 1.0 | 1.2 | 8-Q | 20 | 0.14 | 7.0 | 1.1 | 1.3 | 10-Q | 20 | 0.26 | 9.5 | 1.0 | 1.1 | |
| | | 30 | 0.06 | 5.6 | 0.8 | 0.9 | | 30 | 0.16 | 8.4 | 0.9 | 1.0 | | 30 | 0.24 | 10.4 | 0.9 | 1.0 | |
| | | 40 | 0.08 | 5.8 | 0.9 | 1.0 | | 40 | 0.18 | 8.4 | 1.0 | 1.1 | | 40 | 0.28 | 10.5 | 1.0 | 1.1 | |
| | | 50 | 0.08 | 6.1 | 0.9 | 1.0 | | 50 | 0.21 | 8.8 | 1.0 | 1.2 | | 50 | 0.32 | 10.6 | 1.1 | 1.3 | |
| 120° | 5-T | 20 | 0.07 | 4.4 | 1.0 | 1.2 | 8-T | 20 | 0.20 | 7.6 | 1.0 | 1.2 | 10-T | 20 | 0.31 | 9.5 | 1.0 | 1.1 | |
| | | 30 | 0.09 | 5.0 | 1.0 | 1.2 | | 30 | 0.22 | 8.0 | 1.0 | 1.1 | | 30 | 0.34 | 10.0 | 1.0 | 1.1 | |
| | | 40 | 0.09 | 5.2 | 1.0 | 1.2 | | 40 | 0.23 | 8.2 | 1.0 | 1.1 | | 40 | 0.36 | 10.0 | 1.0 | 1.2 | |
| | | 50 | 0.10 | 5.4 | 1.0 | 1.1 | | 50 | 0.24 | 8.3 | 1.0 | 1.1 | | 50 | 0.37 | 10.0 | 1.1 | 1.2 | |
| 150° | 5-150 | 20 | 0.07 | 4.0 | 1.0 | 1.2 | 8-150 | 20 | 0.25 | 7.5 | 1.0 | 1.2 | 10-150 | 20 | 0.41 | 9.8 | 1.0 | 1.1 | |
| | | 30 | 0.11 | 5.0 | 1.0 | 1.2 | | 30 | 0.27 | 8.0 | 1.0 | 1.1 | | 30 | 0.43 | 10.0 | 1.0 | 1.1 | |
| | | 40 | 0.12 | 5.2 | 1.0 | 1.2 | | 40 | 0.28 | 8.1 | 1.0 | 1.1 | | 40 | 0.44 | 10.2 | 1.0 | 1.1 | |
| | | 50 | 0.13 | 5.4 | 1.0 | 1.2 | | 50 | 0.29 | 8.2 | 1.0 | 1.2 | | 50 | 0.46 | 10.4 | 1.0 | 1.1 | |
| 180° | 5-H | 20 | 0.10 | 4.4 | 1.0 | 1.2 | 8-H | 20 | 0.26 | 7.0 | 1.0 | 1.2 | 10-H | 20 | 0.48 | 9.7 | 1.0 | 1.1 | |
| | | 30 | 0.12 | 5.5 | 0.8 | 0.9 | | 30 | 0.31 | 8.5 | 0.8 | 0.9 | | 30 | 0.48 | 10.2 | 0.9 | 1.0 | |
| | | 40 | 0.15 | 5.7 | 0.9 | 1.0 | | 40 | 0.36 | 8.7 | 0.9 | 1.1 | | 40 | 0.55 | 10.4 | 1.0 | 1.1 | |
| | | 50 | 0.16 | 6.3 | 0.8 | 0.9 | | 50 | 0.41 | 9 | 1.0 | 1.1 | | 50 | 0.62 | 10.5 | 1.1 | 1.3 | |
| 210° | 5-210 | 20 | 0.10 | 4.4 | 1.0 | 1.2 | 8-210 | 20 | 0.33 | 7.6 | 1.1 | 1.3 | 10-210 | 20 | 0.56 | 9.8 | 1.1 | 1.3 | |
| | | 30 | 0.15 | 5.2 | 1.1 | 1.2 | | 30 | 0.36 | 8.0 | 1.1 | 1.3 | | 30 | 0.58 | 10.0 | 1.1 | 1.3 | |
| | | 40 | 0.16 | 5.3 | 1.1 | 1.3 | | 40 | 0.37 | 8.1 | 1.1 | 1.3 | | 40 | 0.60 | 10.4 | 1.1 | 1.2 | |
| | | 50 | 0.17 | 5.5 | 1.1 | 1.3 | | 50 | 0.38 | 8.2 | 1.1 | 1.3 | | 50 | 0.62 | 10.5 | 1.1 | 1.3 | |
| 240° | 5-TT | 20 | 0.14 | 4.3 | 1.1 | 1.3 | 8-TT | 20 | 0.34 | 7.0 | 1.0 | 1.2 | 10-TT | 20 | 0.63 | 9.6 | 1.0 | 1.1 | |
| | | 30 | 0.17 | 5.0 | 1.0 | 1.1 | | 30 | 0.44 | 8.0 | 1.0 | 1.1 | | 30 | 0.69 | 10.0 | 1.0 | 1.2 | |
| | | 40 | 0.19 | 5.0 | 1.1 | 1.2 | | 40 | 0.46 | 8.0 | 1.0 | 1.2 | | 40 | 0.73 | 10.3 | 1.0 | 1.1 | |
| | | 50 | 0.19 | 5.0 | 1.1 | 1.3 | | 50 | 0.46 | 8.0 | 1.0 | 1.2 | | 50 | 0.74 | 10.4 | 1.0 | 1.1 | |
| 270° | 5-TQ | 20 | 0.15 | 4.3 | 1.0 | 1.2 | 8-TQ | 20 | 0.41 | 7.2 | 1.0 | 1.1 | 10-TQ | 20 | 0.71 | 9.5 | 1.0 | 1.1 | |
| | | 30 | 0.20 | 5.0 | 1.0 | 1.2 | | 30 | 0.49 | 8.0 | 1.1 | 1.1 | | 30 | 0.79 | 10.0 | 1.0 | 1.1 | |
| | | 40 | 0.21 | 5.0 | 1.1 | 1.2 | | 40 | 0.54 | 8.0 | 1.1 | 1.2 | | 40 | 0.84 | 10.3 | 1.0 | 1.1 | |
| | | 50 | 0.22 | 5.0 | 1.1 | 1.3 | | 50 | 0.55 | 8.0 | 1.1 | 1.2 | | 50 | 0.86 | 10.4 | 1.0 | 1.1 | |
| 360° | 5-F | 20 | 0.17 | 4.0 | 1.0 | 1.2 | 8-F | 20 | 0.55 | 7.0 | 1.1 | 1.2 | 10-F | 20 | 0.95 | 9.6 | 1.0 | 1.1 | |
| | | 30 | 0.24 | 5.0 | 0.9 | 1.1 | | 30 | 0.61 | 8.3 | 0.8 | 1.0 | | 30 | 0.91 | 9.8 | 0.9 | 1.1 | |
| | | 40 | 0.28 | 5.4 | 0.9 | 1.1 | | 40 | 0.71 | 8.6 | 0.9 | 1.1 | | 40 | 1.16 | 10.1 | 1.1 | 1.3 | |
| | | 50 | 0.32 | 6.0 | 0.9 | 1.0 | | 50 | 0.81 | 8.9 | 1.0 | 1.1 | | 50 | 1.29 | 10.2 | 1.2 | 1.4 | |

PERFORMANCE DATA – PRECISION™ SERIES SPRAY NOZZLES

| Arc | model # (PSNXX-XX) | psi | gpm | Radius | Precip. Rate (in./hr.) | Precip. Rate (in./hr.) | model # (PSNXX-XX) | psi | gpm | Radius | Precip. Rate (in./hr.) | Precip. Rate (in./hr.) | Arc | psi | gpm | Radius | Precip. Rate (in./hr.) | Precip. Rate (in./hr.) |
|------|--------------------|-----|------|--------|------------------------|------------------------|--------------------|-----|------|--------|------------------------|------------------------|----------|-----|------|--------|------------------------|------------------------|
| 60° | 12-60 | 20 | 0.24 | 11.5 | 1.0 | 1.2 | 15-60 | 20 | 0.35 | 14.0 | 1.0 | 1.2 | 4X30 SST | 20 | 0.62 | 4x28 | 1.0 | 1.1 |
| | | 30 | 0.25 | 12.0 | 1.0 | 1.2 | | 30 | 0.39 | 15.0 | 1.0 | 1.2 | | 30 | 0.66 | 4x30 | 1.1 | 1.2 |
| | | 40 | 0.26 | 12.1 | 1.0 | 1.2 | | 40 | 0.40 | 15.1 | 1.0 | 1.2 | | 40 | 0.67 | 4x30 | 1.1 | 1.2 |
| | | 50 | 0.28 | 12.2 | 1.1 | 1.3 | | 50 | 0.42 | 15.3 | 1.0 | 1.2 | | 50 | 0.68 | 4x30 | 1.1 | 1.3 |
| 90° | 12-Q | 20 | 0.34 | 12.0 | 1.0 | 1.2 | 15-Q | 20 | 0.53 | 14.2 | 1.0 | 1.2 | 4X15 LCS | 20 | 0.32 | 4x15 | 1.0 | 1.2 |
| | | 30 | 0.34 | 11.5 | 1.0 | 1.1 | | 30 | 0.56 | 16 | 0.8 | 1.0 | | 30 | 0.33 | 4x15 | 1.1 | 1.2 |
| | | 40 | 0.39 | 11.6 | 1.1 | 1.3 | | 40 | 0.65 | 15.9 | 1.0 | 1.1 | | 40 | 0.34 | 4x15 | 1.1 | 1.2 |
| | | 50 | 0.44 | 11.5 | 1.3 | 1.5 | | 50 | 0.73 | 15.8 | 1.1 | 1.3 | | 50 | 0.34 | 4x15 | 1.1 | 1.3 |
| 120° | 12-T | 20 | 0.46 | 11.5 | 1.0 | 1.2 | 15-T | 20 | 0.72 | 14.3 | 1.0 | 1.2 | 4X15 RCS | 20 | 0.32 | 4x15 | 1.0 | 1.2 |
| | | 30 | 0.49 | 12.0 | 1.0 | 1.1 | | 30 | 0.77 | 15.0 | 1.0 | 1.1 | | 30 | 0.33 | 4x15 | 1.1 | 1.2 |
| | | 40 | 0.51 | 12.2 | 1.0 | 1.1 | | 40 | 0.81 | 15.3 | 1.0 | 1.2 | | 40 | 0.34 | 4x15 | 1.1 | 1.3 |
| | | 50 | 0.52 | 12.3 | 1.0 | 1.1 | | 50 | 0.82 | 15.4 | 1.0 | 1.2 | | 50 | 0.34 | 4x15 | 1.1 | 1.3 |
| 150° | 12-150 | 20 | 0.60 | 11.6 | 1.0 | 1.2 | 15-150 | 20 | 0.92 | 14.7 | 1.0 | 1.2 | 4X18 SST | 20 | 0.36 | 4x18 | 1.0 | 1.1 |
| | | 30 | 0.62 | 12.0 | 1.0 | 1.1 | | 30 | 0.96 | 15.0 | 1.0 | 1.2 | | 30 | 0.37 | 4x18 | 1.0 | 1.1 |
| | | 40 | 0.63 | 12.2 | 1.0 | 1.1 | | 40 | 1.00 | 15.2 | 1.0 | 1.2 | | 40 | 0.38 | 4x18 | 1.0 | 1.2 |
| | | 50 | 0.64 | 12.3 | 1.0 | 1.1 | | 50 | 1.10 | 15.3 | 1.1 | 1.3 | | 50 | 0.38 | 4x18 | 1.0 | 1.2 |
| 180° | 12-H | 20 | 0.70 | 11.5 | 1.0 | 1.2 | 15-H | 20 | 1.10 | 14.5 | 1.0 | 1.2 | 4X9 LCS | 20 | 0.18 | 4x9 | 1.0 | 1.2 |
| | | 30 | 0.68 | 11.4 | 1.0 | 1.2 | | 30 | 1.14 | 15.3 | 0.9 | 1.1 | | 30 | 0.19 | 4x9 | 1.0 | 1.2 |
| | | 40 | 0.79 | 11.3 | 1.2 | 1.4 | | 40 | 1.32 | 15.7 | 1.0 | 1.2 | | 40 | 0.2 | 4x9 | 1.1 | 1.2 |
| | | 50 | 0.89 | 11.5 | 1.3 | 1.5 | | 50 | 1.49 | 15.6 | 1.2 | 1.4 | | 50 | 0.2 | 4x9 | 1.1 | 1.1 |
| 210° | 12-210 | 20 | 0.76 | 11.6 | 1.1 | 1.3 | 15-210 | 20 | 1.15 | 14.5 | 1.1 | 1.2 | 4X9 RCS | 20 | 0.18 | 4x9 | 1.0 | 1.2 |
| | | 30 | 0.82 | 12.0 | 1.1 | 1.3 | | 30 | 1.20 | 15.0 | 1.0 | 1.2 | | 30 | 0.19 | 4x9 | 1.0 | 1.2 |
| | | 40 | 0.84 | 12.3 | 1.1 | 1.2 | | 40 | 1.30 | 15.5 | 1.0 | 1.2 | | 40 | 0.2 | 4x9 | 1.1 | 1.2 |
| | | 50 | 0.85 | 12.4 | 1.1 | 1.2 | | 50 | 1.40 | 15.6 | 1.1 | 1.3 | | 50 | 0.2 | 4x9 | 1.1 | 1.2 |
| 240° | 12-TT | 20 | 0.90 | 11.4 | 1.0 | 1.2 | 15-TT | 20 | 1.45 | 14.5 | 1.0 | 1.2 | 4X9 RCS | 20 | 0.18 | 4x9 | 1.0 | 1.2 |
| | | 30 | 0.99 | 12.0 | 1.0 | 1.1 | | 30 | 1.54 | 15.0 | 1.0 | 1.1 | | 30 | 0.19 | 4x9 | 1.0 | 1.2 |
| | | 40 | 1.04 | 12.3 | 1.0 | 1.1 | | 40 | 1.58 | 15.2 | 1.0 | 1.1 | | 40 | 0.2 | 4x9 | 1.1 | 1.2 |
| | | 50 | 1.05 | 12.4 | 1.0 | 1.1 | | 50 | 1.61 | 15.3 | 1.0 | 1.1 | | 50 | 0.2 | 4x9 | 1.1 | 1.2 |
| 270° | 12-TQ | 20 | 1.05 | 11.4 | 1.0 | 1.2 | 15-TQ | 20 | 1.72 | 14.5 | 1.0 | 1.2 | 4X9 RCS | 20 | 0.18 | 4x9 | 1.0 | 1.2 |
| | | 30 | 1.15 | 12.0 | 1.0 | 1.2 | | 30 | 1.78 | 15.0 | 1.0 | 1.1 | | 30 | 0.19 | 4x9 | 1.0 | 1.2 |
| | | 40 | 1.19 | 12.2 | 1.0 | 1.2 | | 40 | 1.82 | 15.0 | 1.0 | 1.2 | | 40 | 0.2 | 4x9 | 1.1 | 1.2 |
| | | 50 | 1.22 | 12.3 | 1.0 | 1.2 | | 50 | 1.90 | 15.3 | 1.0 | 1.2 | | 50 | 0.2 | 4x9 | 1.1 | 1.2 |
| 360° | 12-F | 20 | 1.35 | 11.5 | 1.0 | 1.1 | 15-F | 20 | 2.20 | 14.5 | 1.0 | 1.2 | 4X9 RCS | 20 | 0.18 | 4x9 | 1.0 | 1.2 |
| | | 30 | 1.35 | 10.8 | 1.1 | 1.3 | | 30 | 2.31 | 15.0 | 1.0 | 1.1 | | 30 | 0.19 | 4x9 | 1.0 | 1.2 |
| | | 40 | 1.57 | 10.9 | 1.3 | 1.5 | | 40 | 2.35 | 15.2 | 1.0 | 1.1 | | 40 | 0.2 | 4x9 | 1.1 | 1.2 |
| | | 50 | 1.76 | 10.9 | 1.4 | 1.6 | | 50 | 2.40 | 15.3 | 1.0 | 1.1 | | 50 | 0.2 | 4x9 | 1.1 | 1.2 |