

The new SL Series family of sprayheads offers contractors exceptional flexibility, convenience and reliability at an affordable price. Ideal for residential and light commercial applications, the SL Series features a compact, slimline body with 2-, 4- or 6-inch pop-up heights.

For added convenience and flexibility, all SL Series models may be ordered with pre-installed Irritrol MPR Variable Arc Nozzles. These sprayheads may also be ordered without nozzles. In addition, a field-installable check valve is available to prevent low-head drainage.

The small diameter cap on the SL Series allows it to blend easily into many landscapes. And although compact in design, these sprays feature a sturdy one-piece molded body and a heavy-duty, stainless steel retract spring which ensures positive pop-down.

The SL Series sprayheads— setting the standard for flexibility, convenience and value.

Irritrol[®]
SYSTEMS

2", 4", and 6" models**Features**

- Compact slimline body design
- Available with pre-installed Variable Arc Nozzles in four radii (10', 12', 15' and 17')
- Matched precipitation rate nozzles provide even coverage
- Adjustable arc patterns from 25°-360°
- Debris labels on models without nozzles for easy flushing
- Ratcheting riser permits easy arc adjustment in the field
- Pressure-activated seal reduces flow-by during pop up and keeps debris away from stem during retraction
- Heavy-duty, stainless steel retract spring ensures positive pop down
- One-piece molded body adds durability
- Removable nozzle, screen and internal components for flushing and servicing
- Small diameter cover ensures more attractive landscaping
- Accepts all Irritrol MPR Variable Arc Nozzles and Irritrol MPR Canopy™ fixed-arc nozzles
- Field-installable check valve (SLCV) holds back up to seven feet of elevation change to prevent low-head drainage
- Three-year warranty

Specifications




































- Recommended working pressure: 20-70 psi
- Spacing:
 - 10' VAN: 8'-12'
 - 12' VAN: 9'-15'
 - 15' VAN: 12'-17'
 - 17' VAN: 13'-19'
- Flow-by: 0 at 10 psi or greater, .5 GPM otherwise
- Inlet size: ½" female NPT threads
- Exposed diameter: 1¼"
- Body height:
 - SL200: 4⅞"
 - SL400: 6⅞"
 - SL600: 8⅞"



VARIABLE ARC NOZZLES

SPRAY HEADS

Variable Arc Nozzles — U.S. Performance

| HSN-7VAN | | | | HSN-10VAN | | | | HSN-12VAN | | | | HSN-15VAN | | | | HSN-17VAN | | | |
|---|-----------------|---------------|-------------|---|-----------------|---------------|-------------|---|-----------------|---------------|-------------|---|-----------------|---------------|-------------|---|-----------------|---------------|-------------|
| Arc | Pressure psi | Radius ft. | Flow GPM | Arc | Pressure psi | Radius ft. | Flow GPM | Arc | Pressure psi | Radius ft. | Flow GPM | Arc | Pressure psi | Radius ft. | Flow GPM | Arc | Pressure psi | Radius ft. | Flow GPM |
| 360°  | 20 | 7 | 1.36 | 360°  | 20 | 10 | 1.36 | 360°  | 20 | 12 | 2.13 | 360°  | 20 | 14 | 3.08 | 360°  | 20 | 16 | 3.87 |
| | 25 | 7 | 1.56 | | 25 | 10 | 1.56 | | 25 | 12 | 2.24 | | 25 | 15 | 3.50 | | 25 | 17 | 4.50 |
| | 30 | 7 | 1.95 | | 30 | 11 | 1.95 | | 30 | 13 | 2.85 | | 30 | 16 | 3.71 | | 30 | 18 | 4.82 |
| | 35 | 8 | 2.04 | | 35 | 11 | 2.04 | | 35 | 14 | 3.05 | | 35 | 16 | 4.12 | | 35 | 18 | 5.01 |
| 40 | 9 | 2.92 | 40 | 12 | 2.92 | 40 | 15 | 3.35 | 40 | 17 | 4.54 | 40 | 19 | 5.51 | | | | | |
| 270°  | 20 | 7 | 1.02 | 270°  | 20 | 10 | 1.02 | 270°  | 20 | 12 | 1.60 | 270°  | 20 | 14 | 2.31 | 270°  | 20 | 16 | 2.90 |
| | 25 | 7 | 1.17 | | 25 | 10 | 1.17 | | 25 | 12 | 1.68 | | 25 | 15 | 2.63 | | 25 | 17 | 3.38 |
| | 30 | 7 | 1.46 | | 30 | 11 | 1.46 | | 30 | 13 | 2.14 | | 30 | 16 | 2.79 | | 30 | 18 | 3.61 |
| | 35 | 8 | 1.53 | | 35 | 11 | 1.53 | | 35 | 14 | 2.29 | | 35 | 16 | 3.09 | | 35 | 18 | 3.76 |
| 40 | 9 | 2.19 | 40 | 12 | 2.19 | 40 | 15 | 2.51 | 40 | 17 | 3.40 | 40 | 19 | 4.13 | | | | | |
| 240°  | 20 | 7 | 0.91 | 240°  | 20 | 10 | 0.91 | 240°  | 20 | 12 | 1.42 | 240°  | 20 | 14 | 2.06 | 240°  | 20 | 16 | 2.58 |
| | 25 | 7 | 1.04 | | 25 | 10 | 1.04 | | 25 | 12 | 1.50 | | 25 | 15 | 2.34 | | 25 | 17 | 3.00 |
| | 30 | 7 | 1.30 | | 30 | 11 | 1.30 | | 30 | 13 | 1.90 | | 30 | 16 | 2.48 | | 30 | 18 | 3.21 |
| | 35 | 8 | 1.36 | | 35 | 11 | 1.36 | | 35 | 14 | 2.03 | | 35 | 16 | 2.75 | | 35 | 18 | 3.34 |
| 40 | 9 | 1.95 | 40 | 12 | 1.95 | 40 | 15 | 2.24 | 40 | 17 | 3.02 | 40 | 19 | 3.67 | | | | | |
| 180°  | 20 | 7 | 0.68 | 180°  | 20 | 10 | 0.68 | 180°  | 20 | 12 | 1.07 | 180°  | 20 | 14 | 1.54 | 180°  | 20 | 16 | 1.94 |
| | 25 | 7 | 0.78 | | 25 | 10 | 0.78 | | 25 | 12 | 1.12 | | 25 | 15 | 1.75 | | 25 | 17 | 2.25 |
| | 30 | 7 | 0.97 | | 30 | 11 | 0.97 | | 30 | 13 | 1.42 | | 30 | 16 | 1.86 | | 30 | 18 | 2.41 |
| | 35 | 8 | 1.02 | | 35 | 11 | 1.02 | | 35 | 14 | 1.52 | | 35 | 16 | 2.06 | | 35 | 18 | 2.50 |
| 40 | 9 | 1.46 | 40 | 12 | 1.46 | 40 | 15 | 1.68 | 40 | 17 | 2.27 | 40 | 19 | 2.75 | | | | | |
| 120°  | 20 | 7 | 0.45 | 120°  | 20 | 10 | 0.45 | 120°  | 20 | 12 | 0.71 | 120°  | 20 | 14 | 1.03 | 120°  | 20 | 16 | 1.29 |
| | 25 | 7 | 0.52 | | 25 | 10 | 0.52 | | 25 | 12 | 0.75 | | 25 | 15 | 1.17 | | 25 | 17 | 1.50 |
| | 30 | 7 | 0.65 | | 30 | 11 | 0.65 | | 30 | 13 | 0.95 | | 30 | 16 | 1.24 | | 30 | 18 | 1.61 |
| | 35 | 8 | 0.68 | | 35 | 11 | 0.68 | | 35 | 14 | 1.02 | | 35 | 16 | 1.37 | | 35 | 18 | 1.67 |
| 40 | 9 | 0.97 | 40 | 12 | 0.97 | 40 | 15 | 1.12 | 40 | 17 | 1.51 | 40 | 19 | 1.84 | | | | | |
| 90°  | 20 | 7 | 0.34 | 90°  | 20 | 10 | 0.34 | 90°  | 20 | 12 | 0.53 | 90°  | 20 | 14 | 0.77 | 90°  | 20 | 16 | 0.97 |
| | 25 | 7 | 0.39 | | 25 | 10 | 0.39 | | 25 | 12 | 0.56 | | 25 | 15 | 0.88 | | 25 | 17 | 1.13 |
| | 30 | 7 | 0.49 | | 30 | 11 | 0.49 | | 30 | 13 | 0.71 | | 30 | 16 | 0.93 | | 30 | 18 | 1.20 |
| | 35 | 8 | 0.51 | | 35 | 11 | 0.51 | | 35 | 14 | 0.76 | | 35 | 16 | 1.03 | | 35 | 18 | 1.25 |
| 40 | 9 | 0.73 | 40 | 12 | 0.73 | 40 | 15 | 0.84 | 40 | 17 | 1.13 | 40 | 19 | 1.38 | | | | | |
| 45°  | 20 | 7 | 0.17 | 45°  | 20 | 10 | 0.17 | 45°  | 20 | 12 | 0.27 | 45°  | 20 | 14 | 0.39 | 45°  | 20 | 16 | 0.48 |
| | 25 | 7 | 0.19 | | 25 | 10 | 0.19 | | 25 | 12 | 0.28 | | 25 | 15 | 0.44 | | 25 | 17 | 0.56 |
| | 30 | 7 | 0.24 | | 30 | 11 | 0.24 | | 30 | 13 | 0.36 | | 30 | 16 | 0.46 | | 30 | 18 | 0.60 |
| | 35 | 8 | 0.26 | | 35 | 11 | 0.26 | | 35 | 14 | 0.38 | | 35 | 16 | 0.52 | | 35 | 18 | 0.63 |
| 40 | 9 | 0.37 | 40 | 12 | 0.37 | 40 | 15 | 0.42 | 40 | 17 | 0.57 | 40 | 19 | 0.69 | | | | | |

Data represent test results in zero wind. Adjust for local conditions. Radius may be reduced up to 25% with adjustment screw (this may alter the uniformity of the spray pattern).





























Specifying Information










| Model | Pop-up height | VAN Nozzle radius |
|-------|---------------|-------------------|
| SL200 | 2" (51mm) | 00-w/o nozzle |
| SL210 | 2" (51mm) | 10' (3m) |
| SL212 | 2" (51mm) | 12' (3,6m) |
| SL215 | 2" (51mm) | 15' (4,6m) |
| SL217 | 2" (51mm) | 17' (5,18m) |
| SL400 | 4" (102mm) | 00-w/o nozzle |
| SL410 | 4" (102mm) | 10' (3m) |
| SL412 | 4" (102mm) | 12' (3,6m) |
| SL415 | 4" (102mm) | 15' (4,6m) |
| SL417 | 4" (102mm) | 17' (5,18m) |
| SL600 | 6" (152mm) | 00-w/o nozzle |

S P R A Y H E A D S

Variable Arc Nozzles — Metric Performance

| HSN-7VAN | | | | | HSN-10VAN | | | | | HSN-12VAN | | | | | HSN-15VAN | | | | |
|---|-----------------|-----------------|-------------|------------------|---|-----------------|-----------------|-------------|------------------|---|-----------------|-----------------|-------------|------------------|--|-----------------|-----------------|-------------|------------------|
| Model | Pressure kPa | Pressure Bar | Flow L/M | Radius Meters | Model | Pressure kPa | Pressure Bar | Flow L/M | Radius Meters | Model | Pressure kPa | Pressure Bar | Flow L/M | Radius Meters | Model | Pressure kPa | Pressure Bar | Flow L/M | Radius Meters |
|  | 137 | 1,4 | 2,5 | 2,1 |  | 137 | 1,4 | 5,1 | 3,0 |  | 137 | 1,4 | 8,1 | 3,7 |  | 137 | 1,4 | 11,7 | 4,3 |
| | 172 | 1,7 | 2,9 | 2,1 | | 172 | 1,7 | 5,9 | 3,0 | | 172 | 1,7 | 8,5 | 3,7 | | 172 | 1,7 | 13,2 | 4,6 |
| | 206 | 2,1 | 3,8 | 2,1 | | 206 | 2,1 | 7,4 | 3,4 | | 206 | 2,1 | 10,8 | 4,0 | | 206 | 2,1 | 14,0 | 4,9 |
| | 241 | 2,4 | 3,8 | 2,4 | | 241 | 2,4 | 7,7 | 3,4 | | 241 | 2,4 | 11,5 | 4,3 | | 241 | 2,4 | 15,6 | 4,9 |
| | 275 | 2,8 | 5,4 | 2,7 | | 275 | 2,8 | 11,1 | 3,7 | | 275 | 2,8 | 12,7 | 4,6 | | 275 | 2,8 | 17,2 | 5,2 |
|  | 137 | 1,4 | 1,9 | 2,1 |  | 137 | 1,4 | 3,9 | 3,0 |  | 137 | 1,4 | 6,1 | 3,7 |  | 137 | 1,4 | 8,7 | 4,3 |
| | 172 | 1,7 | 2,2 | 2,1 | | 172 | 1,7 | 4,4 | 3,0 | | 172 | 1,7 | 6,4 | 3,7 | | 172 | 1,7 | 10,0 | 4,6 |
| | 206 | 2,1 | 2,7 | 2,1 | | 206 | 2,1 | 5,5 | 3,4 | | 206 | 2,1 | 8,1 | 4,0 | | 206 | 2,1 | 10,6 | 4,9 |
| | 241 | 2,4 | 2,9 | 2,4 | | 241 | 2,4 | 5,8 | 3,4 | | 241 | 2,4 | 8,7 | 4,3 | | 241 | 2,4 | 11,7 | 4,9 |
| | 275 | 2,8 | 4,1 | 2,7 | | 275 | 2,8 | 6,3 | 3,7 | | 275 | 2,8 | 9,5 | 4,6 | | 275 | 2,8 | 12,9 | 5,2 |
|  | 137 | 1,4 | 1,7 | 2,1 |  | 137 | 1,4 | 3,4 | 3,0 |  | 137 | 1,4 | 5,4 | 3,7 |  | 137 | 1,4 | 7,8 | 4,3 |
| | 172 | 1,7 | 1,9 | 2,1 | | 172 | 1,7 | 3,9 | 3,0 | | 172 | 1,7 | 5,7 | 3,7 | | 172 | 1,7 | 8,9 | 4,6 |
| | 206 | 2,1 | 2,4 | 2,1 | | 206 | 2,1 | 4,9 | 3,4 | | 206 | 2,1 | 7,2 | 4,0 | | 206 | 2,1 | 9,4 | 4,9 |
| | 241 | 2,4 | 2,5 | 2,4 | | 241 | 2,4 | 5,1 | 3,4 | | 241 | 2,4 | 7,7 | 4,3 | | 241 | 2,4 | 10,4 | 4,9 |
| | 275 | 2,8 | 3,6 | 2,7 | | 275 | 2,8 | 7,4 | 3,7 | | 275 | 2,8 | 8,5 | 4,6 | | 275 | 2,8 | 11,4 | 5,2 |
|  | 137 | 1,4 | 1,3 | 2,1 |  | 137 | 1,4 | 2,6 | 3,0 |  | 137 | 1,4 | 4,1 | 3,7 |  | 137 | 1,4 | 5,8 | 4,3 |
| | 172 | 1,7 | 1,5 | 2,1 | | 172 | 1,7 | 3,0 | 3,0 | | 172 | 1,7 | 4,2 | 3,7 | | 172 | 1,7 | 6,6 | 4,6 |
| | 206 | 2,1 | 1,8 | 2,1 | | 206 | 2,1 | 3,7 | 3,4 | | 206 | 2,1 | 5,4 | 4,0 | | 206 | 2,1 | 7,0 | 4,9 |
| | 241 | 2,4 | 1,9 | 2,4 | | 241 | 2,4 | 3,9 | 3,4 | | 241 | 2,4 | 5,8 | 4,3 | | 241 | 2,4 | 7,8 | 4,9 |
| | 275 | 2,8 | 2,7 | 2,7 | | 275 | 2,8 | 5,5 | 3,7 | | 275 | 2,8 | 6,4 | 4,6 | | 275 | 2,8 | 8,6 | 5,2 |
|  | 137 | 1,4 | 0,8 | 2,1 |  | 137 | 1,4 | 1,7 | 3,0 |  | 137 | 1,4 | 2,7 | 3,7 |  | 137 | 1,4 | 3,9 | 4,3 |
| | 172 | 1,7 | 1,0 | 2,1 | | 172 | 1,7 | 2,0 | 3,0 | | 172 | 1,7 | 2,8 | 3,7 | | 172 | 1,7 | 4,4 | 4,6 |
| | 206 | 2,1 | 1,2 | 2,1 | | 206 | 2,1 | 2,5 | 3,4 | | 206 | 2,1 | 3,6 | 4,0 | | 206 | 2,1 | 4,7 | 4,9 |
| | 241 | 2,4 | 1,3 | 2,4 | | 241 | 2,4 | 2,6 | 3,4 | | 241 | 2,4 | 3,9 | 4,3 | | 241 | 2,4 | 5,2 | 4,9 |
| | 275 | 2,8 | 1,8 | 2,7 | | 275 | 2,8 | 3,7 | 3,7 | | 275 | 2,8 | 4,2 | 4,6 | | 275 | 2,8 | 5,7 | 5,2 |
|  | 137 | 1,4 | 0,6 | 2,1 |  | 137 | 1,4 | 1,3 | 3,0 |  | 137 | 1,4 | 2,0 | 3,7 |  | 137 | 1,4 | 2,9 | 4,3 |
| | 172 | 1,7 | 0,7 | 2,1 | | 172 | 1,7 | 1,5 | 3,0 | | 172 | 1,7 | 2,1 | 3,7 | | 172 | 1,7 | 3,3 | 4,6 |
| | 206 | 2,1 | 0,9 | 2,1 | | 206 | 2,1 | 1,9 | 3,4 | | 206 | 2,1 | 2,7 | 4,0 | | 206 | 2,1 | 3,5 | 4,9 |
| | 241 | 2,4 | 1,0 | 2,4 | | 241 | 2,4 | 1,9 | 3,4 | | 241 | 2,4 | 2,9 | 4,3 | | 241 | 2,4 | 3,9 | 4,9 |
| | 275 | 2,8 | 1,4 | 2,7 | | 275 | 2,8 | 2,8 | 3,7 | | 275 | 2,8 | 3,2 | 4,6 | | 275 | 2,8 | 4,3 | 5,2 |
|  | 137 | 1,4 | 0,3 | 2,1 |  | 137 | 1,4 | 0,6 | 3,0 |  | 137 | 1,4 | 1,0 | 3,7 |  | 137 | 1,4 | 1,5 | 4,3 |
| | 172 | 1,7 | 0,4 | 2,1 | | 172 | 1,7 | 0,7 | 3,0 | | 172 | 1,7 | 1,1 | 3,7 | | 172 | 1,7 | 1,7 | 4,6 |
| | 206 | 2,1 | 0,5 | 2,1 | | 206 | 2,1 | 1,0 | 3,4 | | 206 | 2,1 | 1,4 | 4,0 | | 206 | 2,1 | 1,7 | 4,9 |
| | 241 | 2,4 | 0,5 | 2,4 | | 241 | 2,4 | 1,0 | 3,4 | | 241 | 2,4 | 1,4 | 4,3 | | 241 | 2,4 | 2,0 | 4,9 |
| | 275 | 2,8 | 0,7 | 2,7 | | 275 | 2,8 | 1,4 | 3,7 | | 275 | 2,8 | 1,6 | 4,6 | | 275 | 2,8 | 2,2 | 5,2 |

| HSN-17VAN | | | | | HSN-17VAN (continued) | | | | |
|---|-----------------|-----------------|-------------|------------------|---|-----------------|-----------------|-------------|------------------|
| Model | Pressure kPa | Pressure Bar | Flow L/M | Radius Meters | Model | Pressure kPa | Pressure Bar | Flow L/M | Radius Meters |
|  | 137 | 1,4 | 14,6 | 4,9 |  | 137 | 1,4 | 4,9 | 4,9 |
| | 172 | 1,7 | 17,0 | 5,2 | | 172 | 1,7 | 5,7 | 5,2 |
| | 206 | 2,1 | 18,2 | 5,5 | | 206 | 2,1 | 6,1 | 5,5 |
| | 241 | 2,4 | 19,0 | 5,5 | | 241 | 2,4 | 6,3 | 5,5 |
| | 275 | 2,8 | 20,9 | 5,8 | | 275 | 2,8 | 7,0 | 5,8 |
|  | 137 | 1,4 | 11,0 | 4,9 |  | 137 | 1,4 | 3,7 | 4,9 |
| | 172 | 1,7 | 12,8 | 5,2 | | 172 | 1,7 | 4,3 | 5,2 |
| | 206 | 2,1 | 13,7 | 5,5 | | 206 | 2,1 | 4,6 | 5,5 |
| | 241 | 2,4 | 14,2 | 5,5 | | 241 | 2,4 | 4,7 | 5,5 |
| | 275 | 2,8 | 15,6 | 5,8 | | 275 | 2,8 | 5,2 | 5,8 |
|  | 137 | 1,4 | 9,8 | 4,9 |  | 137 | 1,4 | 1,8 | 4,9 |
| | 172 | 1,7 | 11,4 | 5,2 | | 172 | 1,7 | 2,1 | 5,2 |
| | 206 | 2,1 | 12,2 | 5,5 | | 206 | 2,1 | 2,3 | 5,5 |
| | 241 | 2,4 | 12,6 | 5,5 | | 241 | 2,4 | 2,4 | 5,5 |
| | 275 | 2,8 | 13,9 | 5,8 | | 275 | 2,8 | 2,4 | 5,8 |
|  | 137 | 1,4 | 7,3 | 4,9 | | | | | |
| | 172 | 1,7 | 8,5 | 5,2 | | | | | |
| | 206 | 2,1 | 9,1 | 5,5 | | | | | |
| | 241 | 2,4 | 9,5 | 5,5 | | | | | |
| | 275 | 2,8 | 10,4 | 5,8 | | | | | |



BEYOND THE EXPECTED

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