



L36H

L36H / L36AH

3/4" 19 mm Full Circle, Plastic, Low Angle Impact Sprinkler

Bearing: 3/4" Male NPT, Brass
Trajectory Angle: 10°
Operating Range: 20-60 psi 1.4-4.1 bars
Flow Rate: 1.6-17.8 GPM 0.36-4.04 m³/h
Radius: 40-61 ft. 12.2-18.76 meters

Features

- Durable Delrin™ plastic body and arm
- AH unit has standard spoon for smaller nozzles
- H unit has slotted spoon for larger nozzles
- Exceptionally wide range of quick-fit nozzles
- Stainless steel springs and fulcrum pin
- Brass bearing sleeve
- Chemically resistant washers
- Dual nozzle ports
- Two-year warranty

Benefits

- Superior chemical and grit resistance
- Low angle fights strong wind conditions
- Great choice for pivot or under tree applications
- Easy maintenance
- Added design flexibility
- Built to last

U.S. STANDARD DATA

PERFORMANCE DATA

L36H / L36AH

L36AH QUICK-FIT STRAIGHT BORE NOZZLE (QF-SBN-3)*

| PSI @ Nozzle | NOZZLE SIZE US STANDARD | | | | | |
|--------------|-------------------------|------|------|------|-------|------|
| | 7/64" | | 1/8" | | 9/64" | |
| | Rad. | GPM | Rad. | GPM | Rad. | GPM |
| 35 | 45 | 2.10 | 46 | 2.70 | 46 | 3.40 |
| 40 | 46 | 2.20 | 47 | 2.90 | 47 | 3.60 |
| 45 | 47 | 2.30 | 48 | 3.00 | 48 | 3.80 |
| 50 | 47 | 2.40 | 49 | 3.20 | 50 | 4.00 |
| 55 | 48 | 2.60 | 49 | 3.40 | 51 | 4.20 |
| 60 | 48 | 2.70 | 50 | 3.50 | 52 | 4.40 |

L36AH QUICK-FIT LOW PRESSURE NOZZLE (SQUARE HOLE) (QF-LPN-3)*

| PSI @ Nozzle | NOZZLE SIZE US STANDARD | | | | | |
|--------------|-------------------------|------|------|------|-------|------|
| | 7/64" | | 1/8" | | 9/64" | |
| | Rad. | GPM | Rad. | GPM | Rad. | GPM |
| 20 | 40 | 1.60 | 40 | 2.10 | 41 | 2.60 |
| 25 | 41 | 1.80 | 41 | 2.30 | 42 | 2.90 |
| 30 | 42 | 2.00 | 43 | 2.50 | 43 | 3.20 |
| 35 | 43 | 2.10 | 44 | 2.70 | 45 | 3.40 |
| 40 | 44 | 2.20 | 45 | 2.90 | 46 | 3.60 |
| 45 | 45 | 2.30 | 45 | 3.00 | 46 | 3.80 |
| 50 | 45 | 2.40 | 46 | 3.20 | 46 | 4.00 |

* Nozzles must be purchased separately. See Chart below.

L36H QUICK-FIT STRAIGHT BORE NOZZLE (QF-SBN-3) (STAR HOLE)*

| PSI @ Nozzle | NOZZLE SIZE US STANDARD | | | | | | | | | | | | | | | | | |
|--------------|-------------------------|------|--------|------|-------|------|--------|------|-------|-------|--------|-------|------|-------|--------|-------|-------|-------|
| | 5/32" | | 11/64" | | 3/16" | | 13/64" | | 7/32" | | 15/64" | | 1/4" | | 17/64" | | 9/32" | |
| | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM |
| 35 | 48 | 4.20 | 49 | 5.00 | 50 | 6.00 | 51 | 7.10 | 52 | 8.30 | 53 | 9.50 | 53 | 10.80 | 53 | 12.10 | 54 | 13.60 |
| 40 | 49 | 4.50 | 51 | 5.40 | 52 | 6.40 | 52 | 7.60 | 53 | 8.90 | 54 | 10.10 | 55 | 11.50 | 55 | 13.00 | 56 | 14.60 |
| 45 | 51 | 4.70 | 52 | 5.70 | 53 | 6.80 | 53 | 8.10 | 54 | 9.40 | 55 | 10.70 | 56 | 12.20 | 57 | 13.80 | 58 | 15.40 |
| 50 | 53 | 5.00 | 54 | 6.00 | 54 | 7.20 | 54 | 8.50 | 56 | 9.90 | 57 | 11.30 | 58 | 12.90 | 59 | 14.50 | 59 | 16.30 |
| 55 | 53 | 5.20 | 54 | 6.30 | 55 | 7.50 | 55 | 8.90 | 57 | 10.30 | 58 | 11.80 | 59 | 13.50 | 60 | 15.20 | 60 | 17.10 |
| 60 | 54 | 5.40 | 55 | 6.60 | 55 | 7.80 | 56 | 9.20 | 58 | 10.60 | 59 | 12.40 | 60 | 14.10 | 61 | 15.90 | 61 | 17.80 |

L36H QUICK-FIT LOW PRESSURE NOZZLE (QF-LPN-3)*

| PSI @ Nozzle | NOZZLE SIZE US STANDARD | | | | | | | | | | | | | | | | | |
|--------------|-------------------------|------|--------|------|-------|------|--------|------|-------|------|--------|-------|------|-------|--------|-------|-------|-------|
| | 5/32" | | 11/64" | | 3/16" | | 13/64" | | 7/32" | | 15/64" | | 1/4" | | 17/64" | | 9/32" | |
| | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM | Rad. | GPM |
| 20 | 43 | 3.20 | 45 | 3.80 | 35 | 4.50 | 36 | 5.30 | 38 | 6.00 | 38 | 7.20 | 38 | 8.20 | 39 | 9.30 | 39 | 10.40 |
| 25 | 45 | 3.50 | 46 | 4.20 | 38 | 5.00 | 39 | 5.90 | 39 | 6.80 | 40 | 8.00 | 40 | 9.10 | 40 | 10.30 | 41 | 11.50 |
| 30 | 46 | 3.90 | 48 | 4.60 | 40 | 5.50 | 41 | 6.50 | 41 | 7.60 | 41 | 8.80 | 41 | 10.00 | 42 | 11.20 | 42 | 12.60 |
| 35 | 47 | 4.20 | 49 | 5.00 | 42 | 6.00 | 42 | 7.10 | 42 | 8.30 | 43 | 9.50 | 43 | 10.80 | 43 | 12.10 | 43 | 13.60 |
| 40 | 48 | 4.50 | 50 | 5.40 | 43 | 6.40 | 43 | 7.60 | 43 | 8.90 | 44 | 10.10 | 44 | 11.50 | 45 | 13.00 | 45 | 14.60 |
| 45 | 49 | 4.70 | 50 | 5.70 | 43 | 6.80 | 44 | 8.10 | 44 | 9.40 | 45 | 10.70 | 45 | 12.20 | 45 | 13.80 | 45 | 15.40 |
| 50 | 49 | 5.00 | 51 | 6.00 | 44 | 7.20 | 45 | 8.50 | 45 | 9.90 | 45 | 11.30 | 45 | 12.90 | 46 | 14.50 | 46 | 16.30 |

Note: Performance data taken using 13' (4m) riser

Part Numbers and Ordering Information

| Sprinkler Only | |
|--|---------------|
| U.S. Standard | |
| Sprinkler without Nozzle L36H | A07360 |
| Sprinkler without Nozzle L36AH | A07350 |

| Nozzle Only | | | XX = Nozzle Size | | | | | | | | |
|--|----------|-----------|---|-----------|-------|--------|-------|--------|------|--------|-------|
| U.S. Standard L36H Sprinkler | | | 5/32" | 11/64" | 3/16" | 13/64" | 7/32" | 15/64" | 1/4" | 17/64" | 9/32" |
| Plastic Quick-Fit Straight Bore Nozzle | QF-SBN-3 | 107881-XX | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Plastic Quick-Fit Low Pressure Nozzle | QF-LPN-3 | 109247-XX | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| U.S. Standard L36AH Sprinkler | | | 7/64" | 1/8" | 9/64" | | | | | | |
| Plastic Quick-Fit Straight Bore Nozzle | QF-SBN-3 | 107881-XX | 07 | 08 | 09 | | | | | | |
| Plastic Quick-Fit Low Pressure Nozzle | QF-LPN-3 | 109247-XX | 07 | 08 | 09 | | | | | | |
| Plastic Quick-Fit Plug | | 10788199 | Bold nozzle size numbers denote the most common nozzle choices. | | | | | | | | |

METRIC DATA

PERFORMANCE DATA

L36H / L36AH

L36AH QUICK-FIT STRAIGHT BORE NOZZLE (QF-SBN-3)*

| Bars @ Nozzle | NOZZLE SIZE METRIC | | | | | | | | |
|---------------|--------------------|------------|-------------|----------------|------------|-------------|-----------------|------------|-------------|
| | 2.78 mm (7/64") | | | 3.18 mm (1/8") | | | 3.57 mm (9/64") | | |
| | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) |
| 2.4 | 13.9 | 0.13 | 0.48 | 14.0 | 0.17 | 0.61 | 14.2 | 0.21 | 0.77 |
| 2.5 | 13.9 | 0.13 | 0.48 | 14.1 | 0.17 | 0.62 | 14.2 | 0.22 | 0.78 |
| 3.0 | 14.3 | 0.14 | 0.52 | 14.5 | 0.19 | 0.67 | 14.8 | 0.24 | 0.85 |
| 3.5 | 14.5 | 0.15 | 0.55 | 15.0 | 0.20 | 0.73 | 15.4 | 0.25 | 0.92 |
| 4.0 | 14.7 | 0.17 | 0.60 | 15.2 | 0.22 | 0.79 | 15.8 | 0.27 | 0.98 |
| 4.1 | 14.8 | 0.17 | 0.61 | 15.2 | 0.22 | 0.79 | 15.8 | 0.28 | 1.00 |

L36AH QUICK-FIT LOW PRESSURE NOZZLE (QF-LPN-3)*

| Bars @ Nozzle | NOZZLE SIZE METRIC | | | | | | | | |
|---------------|--------------------|------------|-------------|----------------|------------|-------------|-----------------|------------|-------------|
| | 2.78 mm (7/64") | | | 3.18 mm (1/8") | | | 3.57 mm (9/64") | | |
| | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) |
| 1.4 | 12.2 | 0.10 | 0.36 | 12.3 | 0.13 | 0.48 | 12.5 | 0.16 | 0.59 |
| 1.5 | 12.3 | 0.11 | 0.38 | 12.5 | 0.14 | 0.49 | 12.6 | 0.17 | 0.61 |
| 2.0 | 12.7 | 0.12 | 0.45 | 13.0 | 0.16 | 0.56 | 13.2 | 0.20 | 0.71 |
| 2.5 | 13.2 | 0.13 | 0.48 | 13.6 | 0.17 | 0.62 | 13.9 | 0.22 | 0.78 |
| 3.0 | 13.8 | 0.15 | 0.53 | 13.9 | 0.19 | 0.67 | 14.1 | 0.24 | 0.88 |
| 3.5 | 13.9 | 0.15 | 0.55 | 14.0 | 0.20 | 0.73 | 14.2 | 0.25 | 0.91 |



L36H / L36AH

* Nozzles must be purchased separately. See Chart below.

L36H QUICK-FIT STRAIGHT BORE NOZZLE (QF-SBN-3)*

| Bars @ Nozzle | NOZZLE SIZE METRIC | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--------------------|------------|-------------|------------------|------------|-------------|-----------------|------------|-------------|------------------|------------|-------------|-----------------|------------|-------------|------------------|------------|-------------|----------------|------------|-------------|------------------|------------|-------------|-----------------|------|------|
| | 3.97 mm (5/32") | | | 4.37 mm (11/64") | | | 4.76 mm (3/16") | | | 5.16 mm (13/64") | | | 5.56 mm (7/32") | | | 5.95 mm (15/64") | | | 6.35 mm (1/4") | | | 6.75 mm (17/64") | | | 7.14 mm (9/32") | | |
| | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | | | |
| 2.4 | 14.8 | 0.26 | 0.95 | 15.1 | 0.32 | 1.14 | 15.2 | 0.38 | 1.36 | 15.5 | 0.45 | 1.61 | 15.8 | 0.52 | 1.89 | 16.2 | 0.60 | 2.16 | 16.3 | 0.68 | 2.45 | 16.3 | 0.76 | 2.75 | 16.5 | 0.86 | 3.09 |
| 2.5 | 14.9 | 0.27 | 0.97 | 15.2 | 0.32 | 1.14 | 15.4 | 0.38 | 1.39 | 15.7 | 0.46 | 1.64 | 15.9 | 0.53 | 1.92 | 16.2 | 0.61 | 2.19 | 16.4 | 0.69 | 2.49 | 16.5 | 0.78 | 2.80 | 16.6 | 0.87 | 3.14 |
| 3.0 | 15.5 | 0.29 | 1.05 | 15.9 | 0.35 | 1.27 | 16.1 | 0.42 | 1.52 | 16.2 | 0.50 | 1.81 | 16.5 | 0.58 | 2.10 | 16.8 | 0.66 | 2.39 | 17.1 | 0.76 | 2.72 | 17.2 | 0.86 | 3.08 | 17.5 | 0.96 | 3.44 |
| 3.5 | 16.2 | 0.32 | 1.14 | 16.5 | 0.38 | 1.37 | 16.6 | 0.46 | 1.65 | 16.7 | 0.54 | 1.94 | 17.1 | 0.63 | 2.26 | 17.4 | 0.72 | 2.58 | 17.9 | 0.82 | 2.95 | 18.0 | 0.92 | 3.32 | 18.2 | 1.04 | 3.73 |
| 4.0 | 16.4 | 0.34 | 1.21 | 16.7 | 0.41 | 1.47 | 16.9 | 0.48 | 1.74 | 17.0 | 0.57 | 2.06 | 17.6 | 0.66 | 2.38 | 18.0 | 0.77 | 2.76 | 18.3 | 0.87 | 3.15 | 18.5 | 0.99 | 3.55 | 18.6 | 1.11 | 3.98 |
| 4.1 | 16.5 | 0.34 | 1.23 | 16.8 | 0.42 | 1.50 | 16.9 | 0.49 | 1.77 | 17.1 | 0.58 | 2.09 | 17.7 | 0.67 | 2.41 | 18.1 | 0.78 | 2.82 | 18.4 | 0.89 | 3.20 | 18.6 | 1.00 | 3.61 | 18.7 | 1.12 | 4.04 |

L36H QUICK-FIT LOW PRESSURE NOZZLE (QF-LPN-3)*

| Bars @ Nozzle | NOZZLE SIZE METRIC | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--------------------|------------|-------------|------------------|------------|-------------|-----------------|------------|-------------|------------------|------------|-------------|-----------------|------------|-------------|------------------|------------|-------------|----------------|------------|-------------|------------------|------------|-------------|-----------------|------|------|
| | 3.97 mm (5/32") | | | 4.37 mm (11/64") | | | 4.76 mm (3/16") | | | 5.16 mm (13/64") | | | 5.56 mm (7/32") | | | 5.95 mm (15/64") | | | 6.35 mm (1/4") | | | 6.75 mm (17/64") | | | 7.14 mm (9/32") | | |
| | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | Rad. (m) | Flow (lps) | Flow (m³/h) | | | |
| 1.4 | 13.1 | 0.20 | 0.73 | 13.7 | 0.24 | 0.86 | 10.8 | 0.28 | 1.02 | 11.1 | 0.33 | 1.20 | 11.6 | 0.38 | 1.36 | 11.7 | 0.45 | 1.64 | 11.7 | 0.52 | 1.86 | 11.9 | 0.59 | 2.11 | 12.0 | 0.66 | 2.36 |
| 1.5 | 13.3 | 0.21 | 0.75 | 13.9 | 0.25 | 0.89 | 11.1 | 0.29 | 1.06 | 11.4 | 0.35 | 1.25 | 11.7 | 0.40 | 1.43 | 11.9 | 0.47 | 1.70 | 11.9 | 0.54 | 1.93 | 12.0 | 0.61 | 2.19 | 12.2 | 0.68 | 2.45 |
| 2.0 | 14.1 | 0.24 | 0.87 | 14.5 | 0.29 | 1.03 | 12.1 | 0.34 | 1.23 | 12.4 | 0.40 | 1.45 | 12.4 | 0.47 | 1.69 | 12.6 | 0.54 | 1.96 | 12.6 | 0.62 | 2.23 | 12.7 | 0.70 | 2.50 | 12.9 | 0.78 | 2.81 |
| 2.5 | 14.6 | 0.27 | 0.97 | 15.0 | 0.32 | 1.16 | 12.9 | 0.38 | 1.39 | 13.0 | 0.46 | 1.64 | 13.0 | 0.53 | 1.92 | 13.2 | 0.61 | 2.19 | 13.2 | 0.69 | 2.49 | 13.4 | 0.78 | 2.80 | 13.4 | 0.87 | 3.14 |
| 3.0 | 14.9 | 0.29 | 1.05 | 15.3 | 0.35 | 1.27 | 13.2 | 0.42 | 1.52 | 13.5 | 0.50 | 1.81 | 13.5 | 0.58 | 2.10 | 13.7 | 0.66 | 2.39 | 13.7 | 0.76 | 2.72 | 13.8 | 0.86 | 3.08 | 13.8 | 0.96 | 3.44 |
| 3.5 | 15.1 | 0.32 | 1.14 | 15.7 | 0.38 | 1.36 | 13.6 | 0.45 | 1.64 | 13.7 | 0.54 | 1.93 | 13.7 | 0.62 | 2.25 | 13.9 | 0.71 | 2.57 | 13.9 | 0.81 | 2.93 | 14.0 | 0.91 | 3.29 | 14.0 | 1.03 | 3.70 |

Part Numbers and Ordering Information

| Sprinkler Only | |
|--|---------------|
| Metric | |
| Sprinkler without Nozzle L36H | A07360 |
| Sprinkler without Nozzle L36AH | A07350 |

| Nozzle Only | | | XX = Nozzle Size | | | | | | | | | |
|--|----------|-----------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Metric L36H Sprinkler | | | 3.97mm | 4.37mm | 4.76mm | 5.16mm | 3.97mm | 5.56mm | 6.35mm | 6.75mm | 7.14mm | |
| Plastic Quick-Fit Straight Bore Nozzle | QF-SBN-3 | 107881-XX | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| Plastic Quick-Fit Low Pressure Nozzle | QF-LPN-3 | 109247-XX | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| Metric L36H Sprinkler | | | 2.78mm | 3.18mm | 3.57mm | | | | | | | |
| Plastic Quick-Fit Straight Bore Nozzle | QF-SBN-3 | 107881-XX | 07 | 08 | 09 | | | | | | | |
| Plastic Quick-Fit Low Pressure Nozzle | QF-LPN-3 | 109247-XX | 07 | 08 | 09 | | | | | | | |
| Plastic Quick-Fit Plug | | 10788199 | Bold nozzle size numbers denote the most common nozzle choices. | | | | | | | | | |