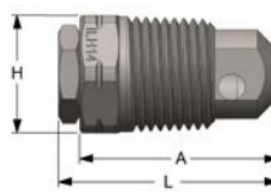
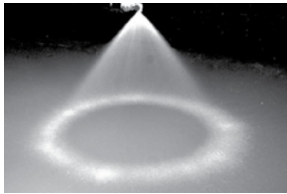


Threaded Nozzles – Hollow Cone Series ILH



| Model | Dim. A (mm) | Dim. L (mm) | Dim. H (mm) |
|----------|-------------|-------------|-------------|
| 3/8ILH | 31 | 33 | 19 |
| 1/2ILH | 33 | 38 | 25 |
| 3/4ILH | 38 | 46 | 31 |
| 1 1/2ILH | 61 | 66 | 51 |

SPRAY CHARACTERISTICS:

ILH series in-line hollow-cone spray nozzles produce a very evenly distributed hollow-cone spray which emerges through the center axis of the nozzle body. At lower pressures, they produce medium sized, uniform droplets. Finer droplets are produced at higher pressures.

CONSTRUCTION:

ILH series nozzles have large maximum free passage diameters to reduce clogging. Interchangeable nozzle caps are easily removed for cleaning or inspection. Standard materials of construction for ILH series nozzles are brass, 303 and 316 stainless steel. Other body and cap materials are available upon request.

TYPICAL APPLICATIONS:

- Dust Suppression
- Spray Ponds
- Metal Treatment
- Roof Cooling
- Brine Spraying
- Humidification
- Aerating

| Model Number | Thread BSPT | MAX. FREE PASSAGE (mm) | CAPACITY (L/min) AT VARIOUS PRESSURES (bar) | | | | | | | | | |
|--------------|-------------|------------------------|---|---------|---------|-------|---------|-------|-------|-------|-------|-------|
| | | | 0.3 bar | 0.5 bar | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 3 bar | 4 bar | 6 bar | 8 bar |
| 3/8ILH2 | 3/8" | 1.98 | -- | -- | 0.76 | 0.91 | 1.12 | 1.29 | 1.58 | 1.82 | 2.23 | 2.58 |
| 3/8ILH3 | 3/8" | 2.39 | 0.75 | 0.97 | 1.14 | 1.37 | 1.67 | 1.93 | 2.37 | 2.73 | 3.30 | 3.90 |
| 3/8ILH5 | 3/8" | 2.77 | 1.25 | 1.61 | 1.91 | 2.28 | 2.79 | 3.20 | 3.90 | 4.60 | 5.60 | 6.40 |
| 3/8ILH8 | 3/8" | 3.96 | 2.00 | 2.58 | 3.05 | 3.60 | 4.50 | 5.20 | 6.30 | 7.30 | 8.90 | 10.3 |
| 3/8ILH10 | 3/8" | 2.95 | 2.50 | 3.20 | 3.80 | 4.60 | 5.60 | 6.40 | 7.90 | 9.10 | 11.2 | 12.9 |
| 3/8ILH14 | 3/8" | 3.96 | 3.50 | 4.50 | 5.30 | 6.40 | 7.80 | 9.00 | 11.1 | 12.8 | 15.6 | 18.0 |
| 1/2ILH5 | 1/2" | 3.18 | 1.25 | 1.61 | 1.91 | 2.28 | 2.79 | 3.20 | 3.90 | 4.60 | 5.60 | 6.40 |
| 1/2ILH8 | 1/2" | 3.96 | 2.00 | 2.58 | 3.05 | 3.60 | 4.50 | 5.20 | 6.30 | 7.30 | 8.90 | 10.3 |
| 12ILH10 | 1/2" | 4.37 | 2.50 | 3.20 | 3.80 | 4.60 | 5.60 | 6.40 | 7.90 | 9.10 | 11.2 | 12.9 |
| 1/2ILH15 | 1/2" | 4.37 | 3.70 | 4.80 | 5.70 | 6.80 | 8.40 | 9.70 | 11.8 | 13.7 | 16.7 | 19.3 |
| 1/2ILH20 | 1/2" | 4.78 | 5.00 | 6.40 | 7.60 | 9.10 | 11.2 | 12.9 | 15.8 | 18.2 | 22.3 | 25.8 |
| 1/2ILH25 | 1/2" | 5.16 | 6.20 | 8.10 | 9.50 | 11.4 | 14.0 | 16.1 | 19.7 | 22.8 | 27.9 | 32.0 |
| 3/4ILH5 | 3/4" | 3.18 | 1.25 | 1.61 | 1.91 | 2.28 | 2.79 | 3.20 | 3.90 | 4.60 | 5.60 | 6.40 |
| 3/4ILH8 | 3/4" | 3.96 | 2.00 | 2.58 | 3.05 | 3.60 | 4.50 | 5.20 | 6.30 | 7.30 | 8.90 | 10.3 |
| 3/4ILH10 | 3/4" | 18.29 | 2.50 | 3.20 | 3.80 | 4.60 | 5.60 | 6.40 | 7.90 | 9.10 | 11.2 | 12.9 |
| 3/4ILH15 | 3/4" | 5.56 | 3.70 | 4.80 | 5.70 | 6.80 | 8.40 | 9.70 | 11.8 | 13.7 | 16.7 | 19.3 |
| 3/4ILH20 | 3/4" | 6.35 | 5.00 | 6.40 | 7.60 | 9.10 | 11.2 | 12.9 | 15.8 | 18.2 | 22.3 | 25.8 |
| 3/4ILH25 | 3/4" | 7.14 | 6.20 | 8.10 | 9.50 | 11.4 | 14.0 | 16.1 | 19.7 | 22.8 | 27.9 | 32.0 |
| 3/4ILH50 | 3/4" | 7.14 | 12.5 | 16.1 | 19.1 | 22.8 | 27.9 | 32.0 | 39.0 | 46.0 | 56.0 | 64.0 |
| 1 1/2ILH40 | 1 1/2" | 7.95 | 10.0 | 12.9 | 15.3 | 18.2 | 22.3 | 25.8 | 32.0 | 36.0 | 45.0 | 52.0 |
| 1 1/2ILH50 | 1 1/2" | 9.53 | 12.5 | 16.1 | 19.1 | 22.8 | 27.9 | 32.0 | 39.0 | 46.0 | 56.0 | 64.0 |
| 1 1/2ILH70 | 1 1/2" | 9.53 | 17.5 | 22.6 | 26.7 | 32.0 | 39.0 | 45.0 | 55.0 | 64.0 | 78.0 | 90.0 |
| 1 1/2ILH90 | 1 1/2" | 9.53 | 22.5 | 29.0 | 34.0 | 41.0 | 50.0 | 58.0 | 71.0 | 82.0 | 100 | 116 |
| 1 1/2ILH110 | 1 1/2" | 9.53 | 27.5 | 35.0 | 42.0 | 50.0 | 61.0 | 71.0 | 87.0 | 100 | 123 | 142 |