



HP FOGJET® SPRAY TIP

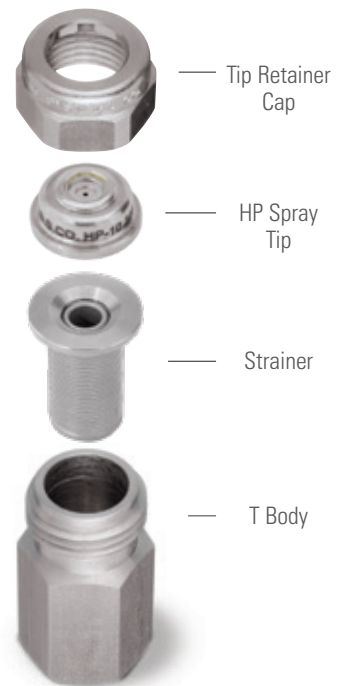


Our HP FogJet spray tip produces a streak-free, uniform hollow cone spray pattern.

- **Better atomization at lower operating pressures**
- **Save on nozzle replacement and maintenance costs:** design allows easy tip change out in place on pipe and header – remove tips by unscrewing the retainer cap

FEATURES

- Spray angles range 35° to 85°
- Uniform spray distribution from 0.47 to 12.6 gph (1.78 to 47.7 lpm)
- Operating pressures up to 400 psi (27.6 bar)
- Material: brass or 303 stainless steel body and 316 stainless steel tip
- Assembly comes with a 200 or 325 mesh strainer depending upon capacity and a 40 micron filter integrated in the spray tip



HP Spray Tip + T Body

Use with screen strainer and tip retainer

IDEAL FOR:

- Humidification
- Gas cooling/conditioning, evaporative cooling, NOx control
- Sanitation
- Moisturizing
- Livestock cooling
- Desuperheating
- Food and pharmaceutical processing
- Pest control
- Air washing
- Dust control
- In-line applications

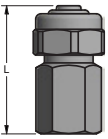


SPECIFICATIONS

| Capacity size | Flow Rate Capacity gallons per hour (liters per hour) | | | | | | | | | Spray Angle (°) | |
|---------------|---|----------------|----------------|----------------|--------------|-----------------|------------------|------------------|--------------------|-----------------|---------|
| | 20 psi (1.5 bar) | 30 psi (2 bar) | 40 psi (3 bar) | 60 psi (4 bar) | 80 psi (5.5) | 100 psi (7 bar) | 150 psi (10 bar) | 200 psi (14 bar) | 400 psi (27.5 bar) | 20 psi | 100 psi |
| 1.5 | - | - | - | - | - | .47 (1.8) | .58 (2.2) | .67 (2.5) | .95 (3.6) | - | 35 |
| 1.8 | - | - | - | - | - | .6 (2.3) | .7 (2.6) | .8 (3) | 1.1 (4.2) | - | 38 |
| 2 | - | - | - | - | .56 (2.1) | .66 (2.5) | .77 (2.9) | .89 (3.4) | 1.3 (4.9) | - | 42 |
| 2.5 | - | - | - | .61 (2.3) | .7 (2.6) | .83 (3.1) | .97 (3.7) | 1.1 (4.2) | 1.6 (6.1) | - | 67 |
| 3 | - | - | - | .73 (2.8) | .85 (3.2) | .95 (3.6) | 1.2 (4.5) | 1.3 (4.9) | 1.9 (7.2) | - | 55 |
| 5 | - | - | 1 (3.8) | 1.2 (4.5) | 1.4 (5.3) | 1.6 (6.1) | 1.9 (7.2) | 2.2 (8.3) | 3.2 (12.1) | - | 53 |
| 7.5 | 1.1 (4.2) | 1.3 (4.9) | 1.5 (5.7) | 1.8 (6.8) | 2.1 (7.9) | 2.4 (9.1) | 2.9 (11) | 3.4 (12.9) | 4.7 (17.8) | 37 | 64 |
| 10 | 1.4 (5.3) | 1.7 (6.4) | 2 (7.6) | 2.4 (9.1) | 2.8 (10.6) | 3.2 (12.1) | 3.9 (14.8) | 4.5 (17) | 6.3 (23.8) | 67 | 85 |
| 15 | 2.1 (7.9) | 2.6 (9.8) | 3 (11.4) | 3.7 (14) | 4.2 (15.9) | 4.7 (17.8) | 5.8 (22) | 6.7 (25.4) | 9.5 (36) | 65 | 80 |
| 20 | 2.8 (10.6) | 3.5 (13.2) | 4 (15.1) | 4.9 (18.5) | 5.7 (22.6) | 6.3 (23.8) | 7.7 (29.1) | 8.9 (33.7) | 12.6 (47.7) | 55 | 75 |

For more information on calculating unknown flow or pressure, see page A5 in Industrial Spray Products Catalog 75 HYD.

DIMENSIONS AND WEIGHTS

| Nozzle | Nozzle Type | Inlet Conn. in. | L in. (mm) | Hex. in. | Net Weight oz. (g) |
|--|--------------------|-----------------|------------|----------|--------------------|
|  | T (F) + HP | 1/8 | 1.595 (19) | 13/16 | 2.2, (62.4) |
| | TT (M) + HP | 1/4 | 1.595 (19) | 13/16 | 2.2, (62.4) |

Based on the largest/heaviest version of each type.

ORDERING INFORMATION

NOZZLE BODY

| | | | | |
|-------------|-----------|---|---------------|---|
| Inlet Conn. | Body Type | - | Material Code | + |
|-------------|-----------|---|---------------|---|

SPRAY TIP

| | | | | |
|----------|---|---------------|---|---------------|
| Tip Type | - | Material Code | - | Capacity Size |
|----------|---|---------------|---|---------------|

Example

| | | | | | | | | | |
|-----|---|---|----|---|----|---|-------|---|---|
| 1/4 | T | - | SS | + | HP | - | 316SS | - | 3 |
|-----|---|---|----|---|----|---|-------|---|---|

BSPT connections require the addition of a "B" prior to the nozzle body inlet connection.

Nozzle assemblies include an internal 40 micron screen in the HP tip and 200 mesh screen for capacities greater than 2.5, 325 mesh screen for capacities 2.5 and lower. See Accessories, page F16 of Industrial Spray Products Catalog 75 HYD for a mesh selection guide and ordering information.

TIP ONLY

| | | | | |
|----------|---|---------------|---|---------------|
| Tip Type | - | Material Code | - | Capacity Size |
|----------|---|---------------|---|---------------|

Example

| | | | | |
|----|---|-------|---|---|
| HP | - | 316SS | - | 3 |
|----|---|-------|---|---|

When ordering just a HP spray tip, the mesh screen is not included.



North Avenue and Schmale Road, P.O. Box 7900, Wheaton, IL 60187-7901 USA

Tel: 1.800.95.SPRAY Intl. Tel: 1.630.665.5000
 Fax: 1.888.95.SPRAY Intl. Fax: 1.630.260.0842

www.spray.com

