

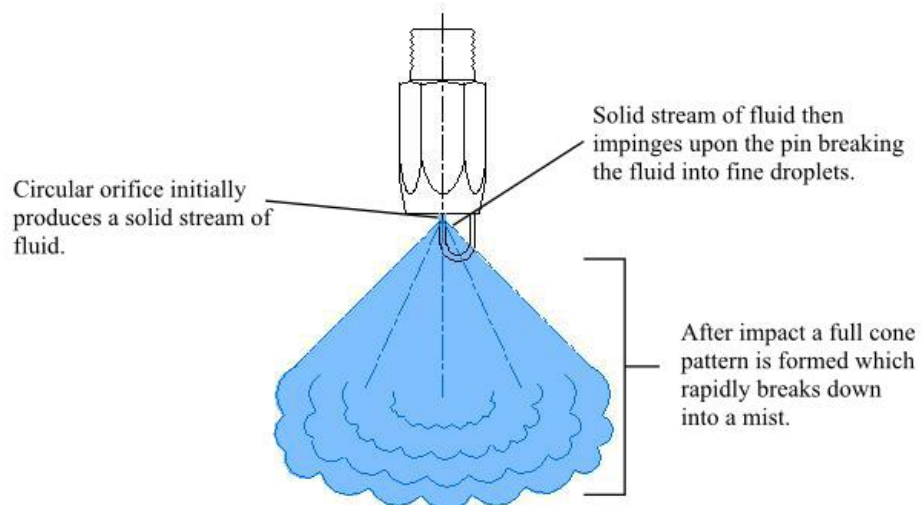
## PJ Impingement Pin Fine Misting Nozzles



PJ

### PJ Performance data

| Thread size      | Style No. | Orifice Dia. ( mm ) | Covering area dia. ( mm ) | Flow Rate ( Liters / min ) |        |        |        |        |        |        |        |
|------------------|-----------|---------------------|---------------------------|----------------------------|--------|--------|--------|--------|--------|--------|--------|
|                  |           |                     |                           | 2 bar                      | 3 bar  | 5 bar  | 10 bar | 20 bar | 30 bar | 50 bar | 70 bar |
| 1/8<br>or<br>1/4 | PJ15      | 0.15                | 403                       |                            |        |        | 0.0432 | 0.061  | 0.075  | 0.097  | 0.114  |
|                  | PJ20      | 0.20                | 454                       |                            |        | 0.058  | 0.082  | 0.116  | 0.142  | 0.183  | 0.217  |
|                  | PJ25      | 0.25                | 454                       |                            | 0.0671 | 0.0866 | 0.123  | 0.173  | 0.212  | 0.274  | 0.324  |
|                  | PJ30      | 0.30                | 454                       |                            | 0.0908 | 0.117  | 0.166  | 0.234  | 0.287  | 0.371  | 0.439  |
|                  | PJ38      | 0.38                | 454                       | 0.119                      | 0.146  | 0.189  | 0.267  | 0.377  | 0.462  | 0.596  | 0.705  |
|                  | PJ50      | 0.50                | 510                       | 0.216                      | 0.264  | 0.341  | 0.483  | 0.683  | 0.836  | 1.08   | 1.28   |
|                  | PJ60      | 0.60                | 580                       | 0.322                      | 0.395  | 0.51   | 0.721  | 1.02   | 1.25   | 1.61   | 1.91   |
|                  | PJ70      | 0.70                | 660                       | 0.419                      | 0.513  | 0.662  | 0.9368 | 1.32   | 1.62   | 2.09   | 2.48   |
|                  | PJ80      | 0.80                | 730                       | 0.58                       | 0.71   | 0.917  | 1.2972 | 1.83   | 2.25   | 2.09   | 3.43   |
|                  | PJ100     | 1.0                 | 810                       | 0.902                      | 1.11   | 1.43   | 2.02   | 2.85   | 3.49   | 4.51   | 5.34   |



PJ Impingement Pin Fine Misting Nozzles have the following features:

- Material: main body (stainless steel), with micro-nozzle plate ruby inserted or complete stainless steel
- Thread size: 1/8" or 1/4" ' '
- Coverage area: a nozzle spray coverage area of about 1-2 square meters in no wind or breeze
- PJ Impingement Pin Fine Misting Nozzles can be used indoor and outdoor .
- Working pressure 2~10bar
- This series of nozzles does not need air supply,
- The system is simple; the spray mist is fine, full atomization, energy saving,
- Filter device: 6.5\*8.8mm PP microporous filter element at nozzle inlet
- Liquid requirements: There will be residual impurities in the liquid under high pressure, and a filter must be installed to achieve a purity similar to that of household drinking water.
- Stainless steel micro-nozzle plate is processed by advanced forging process and ruby has strong durability. It is 2.5 times longer than the same type of nozzle.

#### General Application

- Wetting and descaling
- Humidification
- Chemical treatment or spraying
- Liquid spraying
- Garden park or agricultural humidification or cooling
- Tablet coating
- Flue gas evaporating cooling
- Sterilization
- Fruit spray Wax
- Wetting and cooling of textile mills
- Plant humidification
- Salt spray test
- Artificial fog