

Automatic Sprinkler PI-4 Series (Glass bulb type)



PI 410



PI 411



PI 420



PI 421

- Glass bulb
- Standard Spray Pattern
- K-factor 8.0
- Quick & Standard Response



General Description

Paratech Standard and Quick response sprinklers are thermo sensitive glass bulb sprinklers available in different finishes and temperature ratings to meet design requirements. These sprinklers are standard spray pattern to meet approval agencies requirement. Especially, the Nickel-Chrome plated sprinklers are decorative and attractive, so it is well matched to customer interior decoration. In addition, Nickel-Chrome plating might be utilized to extend the life of copper alloy sprinkler, although it has passed the standard corrosion test.

Paratech sprinklers may be ordered and/or used as open sprinklers.
(glass bulb and bulb cap assembly removed)

Sprinkler Identification Numbers

- PI410 :**
Standard response, Upright, K8.0, 3/4"(N)PT
- PI411 :**
Quick response, Upright, K8.0, 3/4"(N)PT
- PI420 :**
Standard response, Pendent, K8.0, 3/4"(N)PT
- PI421 :**
Quick response, Pendent, K8.0, 3/4"(N)PT

Technical Data

Minimum Operating Pressure :

7 psi (0.5 bar)

Maximum Working Pressure :

175 psi (12 bar)

Discharge Coefficient :

$K = 8.0 \text{ GPM/psi}^{1/2} (115.2 \text{ LPM/bar}^{1/2})$

Temperature Rating:

135°F / 155°F / 175°F / 200°F / 286°F
(57°C / 68°C / 79°C / 93°C / 141°C)

Leakage Test at Factory:

30 Kg_f/cm² (0.3Mpa, 29.4bar, 426.7 psi)

Material

- Frame Forging Brass
- Deflector Brass
- Spring Seat Ni-Be alloy, coated on both sides with Teflon Tape.
- Bulb Glass
- Bulb Cap Brass
- Screw Brass
- Spring Stainless steel