

Sprinkler Quick Response Type Sprinkler

Paradise **Quick response** sprinkler reacts to heat faster than the standard sprinkler, making it ideal for use in populated area where mass human damage is expected such as school, hospital, office building, hotel, restaurant, auditorium and other facility with similar occupancy.

Operation

Quick response sprinkler is consisted of glass bulb filled with special liquid that starts to react to heat as the temperature rises to the predefined temperature and breaks open to release the water.

Specification

Model Number	PI 211(Upright)		PI 221(Pendent)	
Working Temperature	68°C(155°F)	93°C(200°F)	68°C(155°F)	93°C(200°F)
Max. Ambient Temperature	38°C(100°F)	66°C(150°F)	38°C(100°F)	66°C(150°F)
Temp. Indication Color	Red	Green	Red	Green
Connection Screw Size	15A (PT 1/2" , NPT1/2")			
Orifice Size	ø 11.2mm			
Test Pressure	Rated Water Pressure:35kgf/cm ² (500psi) Air Pressure:7kgf/cm ² (100psi)			
Max. Pressure	12.3kgf/cm ² (175psi)			
Discharge Coefficient	K=80LPM(kgf/cm ² kt) ^{1/2} [K=5.6GPM/(psi) ^{1/2}]			
Glass Bulb	F3(3mm)			
Weight	8kg/Box			
Packaging	100Ea			

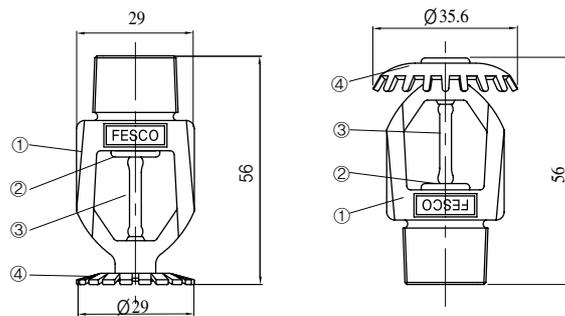


Pendent



Upright

Assembly Diagram



NO	Part	Material
1	Frame	Forged Brass
2	Bulb Cap	Phosphor Copper
3	Glass Bulb	-
4	Deflector	Copper

Installation Diagram

