

Sprinkler for Clean Room

Paradise clean room type sprinkler is used through combination with flexible sprinkler hose in the clean room of semi-conductor manufacturing facility (TFT-LCD, PDP and etc.) and designed to fit through mould bar hole installed in the clean room.

Operation

Clean room type sprinkler is composed of the glass bulb containing special temperature reacting material that starts expansion at the indicated ambient temperature and breaks open to release the water.

Specification

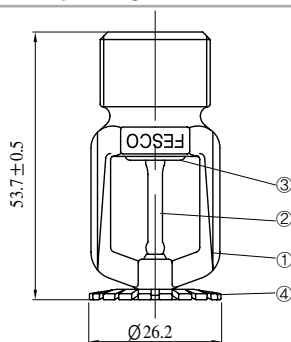
Model No.	PI 222	
Working Temperature	68°C	93°C
Max. Ambient Temperature	38°C(Domestic Std. 39°C)	66°C(Domestic Std. 56°C)
Temp. Indication Color	Red	Green
Connection Screw Size	15A (PT 1/2", NPT1/2")	
Orifice Size	ø 11.2mm	
Test Pressure	Rated Water Pressure:35kgf/cm ² Air Pressure:7kgf/cm ²	
Max. Pressure	12.3kgf/cm ² (175psi)	
Flow Rate	80ℓ /min-1kgf/cm ² (K=80)	
Surface Finishing	Nickel-Chrome Plated	
Weight	7kg/Box	
Packaging	100Ea	

※ UL Standard value..



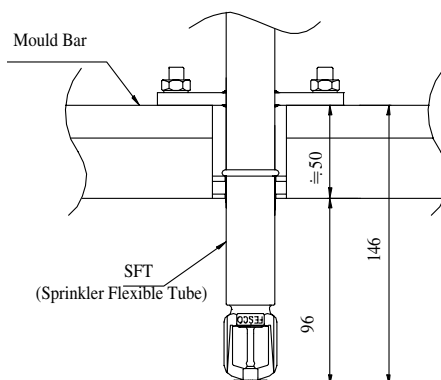
Pendent Type

Assembly Diagram



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

Installation Diagram



※ Above sizes are for standard model.
 ※ Extrusion height of head may vary depending on the heights of SFT fixing bracket and mould bar(≒50mm).