

Sprinkler

Paradise In-rack sprinkler is designed for use in sprinkler system having sprinklers at several levels in the same area. It should be used in applications where water shielding is required such as rack storage facilities. Disc mounted above the heat responding element protects the fusible element from retarded operation due to discharge from sprinklers at higher levels which may have operated earlier during fire.

Operation

Same as the operation of Standard type sprinkler.

Specification

Standard Type

Model Number	FH121-IR (FH111-IR)	FH122-IR (FH112-IR)	FH123-IR (FH113-IR)	FH124-IR (FH114-IR)	FH151-IR (FH141-IR)	FH152-IR (FH142-IR)	FH153-IR (FH143-IR)	FH154-IR (FH144-IR)
Working Temperature	72°C	105°C	143°C	183°C	72°C	105°C	143°C	183°C
Max. Ambient Temperature	39°C	67°C	101°C	137°C	39°C	67°C	101°C	137°C
Temp. Indication Color	Copper	White	Blue	Red	Copper	White	Blue	Red
Connection Screw Size	15A (PT 1/2 ")				20A (PT 3/4 ")			
Orifice Size	ø 11.1mm				ø 13.5mm			
Test Pressure	25kgf/cm ²				25kgf/cm ²			
Flow Rate	80ℓ /min-1kgf/cm ² (K=80)				114ℓ /min-1kgf/cm ² (K=114)			
Weight	16.5kg/Box				22kg/Box			
Packaging	100Ea				100Ea			

※ Number in () represents Upright type model number.

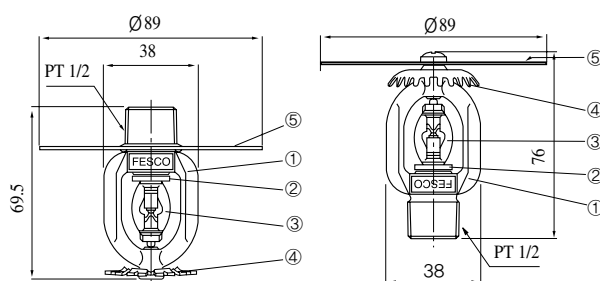
Glass Bulb Type

Model Number	(FH211-1IR)/FH221-1IR(Casting) (FH211-2IR)/FH221-2IR(Forging)	(FH212-1IR)/FH222-1IR(Casting) (FH212-2IR)/FH222-2IR(Forging)	(FH241-1IR)/FH251-1IR(Casting) (FH241-2IR)/FH251-2IR(Forging)	(FH242-1IR)/FH252-1IR(Casting) (FH242-2IR)/FH252-2IR(Forging)
Working Temperature	68°C	93°C	68°C	93°C
Max. Ambient Temperature	39°C	56°C	39°C	56°C
Temp. Indication Color	Red	Green	Red	Green
Weight	13kg/Box		15.5kg/Box	
Packaging	100Ea		100Ea	

※ Frame and deflector of forged model are nickel-chrome plated.

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Assembly Diagram



NO	Part	Material
1	Frame	Cast Bronze
2	Gasket Holder	Brass
3	Supporter	STS
4	Deflector	Brass
5	Shield Plate	SS41

Pendent

Upright