



# Sprinkler

Paratech builds the reliability, we guarantee

# Sprinkler



## Standard Sprinklers – Compact Design

Paratech Glass Bulb Type Standard Sprinkler is specially designed to perform the full function with compact size.

By using the reliable glass bulb, it is simple but precisely working products in various circumstances and temperatures.

### ■ Product availability

Type	Finish	Model No.	Certi.	57°C		68°C		79°C		93°C		141°C	
				SR	QR	SR	QR	SR	QR	SR	QR	SR	QR
Pendent	Brass	PI320/321	UL/FM	o	o	o	o	o	o	o	o	o	o
	Chrome		UL/FM	o	o	o	o	o	o	o	o	o	o
	White		UL/FM	o	o	o	o	o	o	o	o	o	o
	Tefron Coating		UL/FM	o	o	o	o	o	o	o	o	o	o
Upright	Brass	PI310/311	UL/FM	o	o	o	o	o	o	o	o	o	o
	Chrome		UL/FM	o	o	o	o	o	o	o	o	o	o
	White		UL/FM	o	o	o	o	o	o	o	o	o	o
Side-wall	Brass	PI340/341	UL/FM	o	o	o	o	o	o	o	o	o	o
	Chrome		UL/FM	o	o	o	o	o	o	o	o	o	o
	White		UL/FM	o	o	o	o	o	o	o	o	o	o

\* K=5.6 or K=80, 1/2" NPT or BSPT Thread, Glass bulb (5mm or 3mm dia. and 16mm length).

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## Standard Sprinklers – General Design

Paratech Glass Bulb Type Sprinkler is specially designed to meet various customer requirements. Instead of conventional fuse, Glass bulb contains special liquid is embarked. This glass bulb simplifies sprinkler structure and ensures stable operation in various circumstances and temperatures.

### ■ Product availability

Type	Finish	Model No.	Certi.	57°C		68°C		93°C	
				SR	QR	SR	QR	SR	QR
Pendent	Brass	PI220/221	UL		○	○	○	○	○
	Chrome		UL/FM		●	●	●	●	●
	White		UL		○	○	○	○	○
	Tefron Coating		UL			○	○	○	○
Upright	Brass	PI210/211	UL		○	○	○	○	○
	Chrome		UL/FM		●	●	●	●	●
	White		UL		○	○	○	○	○
Side-wall	Brass	PI240/241	UL			○	○	○	○
	Chrome		UL			○	○	○	○
	White		UL			○	○	○	○

\* K=5,6 or K=80, 1/2" NPT or BSPT Thread, Glass bulb (5mm or 3mm dia. and 20mm length).

\* FM Approval is available on ●cell

# Sprinkler



PI 410



PI 411



PI 420



PI 421

## Standard Coverage – K=8.0 Sprinkler

The Paratech QR/SR Upright and Pendent Sprinklers are a compact, thermosensitive, glass-bulb spray sprinkler available in several different finishes, temperature ratings, and K-Factors to meet design requirements.

Type	Finish	Model No.	Certi.	57°C		68°C		79°C		93°C		141°C	
				SR	QR	SR	QR	SR	QR	SR	QR	SR	QR
Pendent	Brass	PI420/421	UL	o	o	o	o	o	o	o	o	X	o
	Chrome		UL	o	o	o	o	o	o	o	o		o
	White		UL	o	o	o	o	o	o	o	o		o
	Tefron Coating		UL	o	o	o	o	o	o	o	o		o
Upright	Brass	PI410/411	UL	o	o	o	o	o	o	o	o	X	o
	Chrome		UL	o	o	o	o	o	o	o	o		o
	White		UL	o	o	o	o	o	o	o	o		o
	Tefron Coating		UL	o	o	o	o	o	o	o	o		o

\* K=8.0 or K=114, 3/4" NPT or BSPT Thread for PI420/421, PI410/411

\* 141°C UL will be available on 2nd Quarter of 2018



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PI 510

### CMDA Sprinkler Head – K=11.2 Sprinkler

The Paratech has developed new CMDA (Control Mode/Density Area) QR/SR Upright and Pendent Sprinklers are available in several different finishes and temperature ratings to meet design requirements.

Type	Finish	Model No.	Certi.	57°C		68°C		79°C		93°C		141°C	
				SR	QR	SR	QR	SR	QR	SR	QR	SR	QR
Pendent	Brass	PI520/521	KFI	o	o	o	o	o	o	o	o	o	o
	Chrome		KFI	o	o	o	o	o	o	o	o	o	o
	White		KFI	o	o	o	o	o	o	o	o	o	o
	Tefron Coating		KFI	o	o	o	o	o	o	o	o	o	o
Upright	Brass	PI510/511	KFI	o	o	o	o	o	o	o	o	o	o
	Chrome		KFI	o	o	o	o	o	o	o	o	o	o
	White		KFI	o	o	o	o	o	o	o	o	o	o
	Tefron Coating		KFI	o	o	o	o	o	o	o	o	o	o

\* K=11.2 or K=160, 3/4" NPT or BSPT Thread for PI520/521, PI510/511

# Sprinkler



Concealed Type



■ Cover Plate Color



\* Color of cover plate Can be custom ordered

## Concealed Sprinklers

■ Product availability

Type	Finish	Model No.	Certi.	68°C		93°C	
				SR	QR	SR	QR
Pendent	Brass	PI820/821	UL	○	○	○	○
	Chrome		UL	○	○	○	○
	White		UL	○	○	○	○



PI 720  
SR



PI 721  
QR

## Flush Type Sprinklers

■ Product availability

Type	Finish	Model No.	Certi.	72°C		105°C	
				SR	QR	SR	QR
Pendent	Chrome	PI720/721	UL	○	○	○	-

\* K=5.6 or K=80, 1/2" NPT or BSPT Thread for other models.





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FH 751E  
SR



FH 752E  
QR



FH 731/732E  
QR

### Flush Type Sprinklers

Type	Finish	Model No.	Certi.	72°C		105°C	
				SR	QR	SR	QR
Pendent	Chrome	FH751/752EQR	KFI	o	o	o	o
		FH731/732EQR	KFI		o		o



Pendent Type



Upright Type



Side Wall Horizontal



Side Wall Vertical

### Fusible Type Sprinklers

■ Product availability

Type	Finish	Model No.	Certi.	72°C	105°C	141°C	183°C
				SR	SR	SR	SR
Pendent	Brass	FH121G/122G/123G	KFI	o	o	o	o
Upright		FH111G/112G/113G	KFI	o	o	o	o

Type	Finish	Model No.	Certi.	72°C		105°C	
				SR	SR	SR	SR
Side Wall	Brass	FH131G/132G/231T/232T	KFI	o		o	
Vertical		FH141G/142G/241T/242T	KFI	o		o	

\* K=5.6 or K=80, 1/2" NPT or BSPT Thread



Upright Type

### In-Rack Sprinklers

■ Product availability

Type	Finish	Model No.	Certi.	68°C		93°C	
				SR	QR	SR	QR
Upright	Brass	FH221-TIR/FH222-TIR	KFI	o		o	

# PARATECH

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