

## BRE Global

### UK Approved Body No. 0832

BRE Global Limited  
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## Certificate of UKCA approval constancy of performance 0832-UKCA-CPR-S5045

In compliance with the Construction Product Regulations 2020, UK Statutory Instruments 2020 No.1359 of Ministry of Housing, Communities and Local Government. This certificate applies to the construction product.

### Models F1 56, F1FR 56, KFR80, G5-56 & G6-56 Automatic Sprinklers

(For full product details and conditions of use refer to appendix)

Placed on the market under the name or trademark of: and produced in the manufacturing plant(s):

**The Reliable Automatic Sprinkler Co., Inc,**  
**1470 Smith Grove Road**  
**Liberty**  
**South Carolina**  
**29657**  
**USA**

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This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

### EN12259-1:1999 including amendment +A3:2006

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

### **the constancy of performance of the construction product.**

This certificate was first issued on 28 January 2022 and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.



Sarah Colwell, Director, Fire Suppression Testing and  
Certification  
On behalf of BRE Global Limited

Date of First Issue: 28 January 2022

Issue Date: 27 April 2022

Issue Number: 2

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com)

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**APPENDIX to Certificate of constancy of performance: 0832-UKCA-CPR-S5045**

**Models F1 56, F1FR 56, KFR80, G5-56 & G6-56**  
 Automatic Sprinklers

Sprinkler Identification Number	Model	Size (mm)	Orientation	Nominal operating temperature (°C)	Finish	Response class	Nominal K-factor (l.min <sup>-1</sup> .bar <sup>-1/2</sup> )
RA1314	F1 56	15	SP	57, 68, 79, 93, 141, 182	Plain,Chrome, White	Standard	80
RA1314	F1 56	15	SR	57, 68, 79, 93, 141, 182	Plain,Chrome, White	N/A	80
RA1325	F1 56	15	SU	57, 68, 79, 93, 141, 182	Plain,Chrome, White	Standard	80
RA1375	F1 56	15	CU/P	57, 68, 79, 93, 141, 182	Plain,Chrome, White	Standard	80
RA1385	F1 56	15	WU/P	57, 68, 79, 93, 141, 182	Plain,Chrome, White	Standard	80
RA1414	F1FR 56	15	SP	57, 68, 79, 93, 141	Plain,Chrome, White	Quick	80
RA1414	F1FR 56	15	SR	57, 68, 79, 93, 141	Plain,Chrome, White	N/A	80
RA1425	F1FR 56	15	SU	57, 68, 79, 93, 141	Plain,Chrome, White	Quick	80
RA1475	F1FR 56	15	CU/P	57, 68, 79, 93, 141	Plain,Chrome, White	Quick	80
RA1485	F1FR 56	15	WU/P	57, 68, 79, 93, 141	Plain,Chrome, White	Quick	80

*S. AC Colwell*

Sarah Colwell, Director, Fire Suppression Testing and Certification  
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R5412	KFR 80 <sup>(3)</sup>	20	SP&SU	74 & 100	Plain,Chrome, White	Quick Response	115
R5422	KFR 80 <sup>(3)</sup>	20	SR&SU	74 & 100	Plain,Chrome, White	Quick Response	115
RA3414	G5-56 <sup>(1)(2)</sup>	15	CCFP	74 with 57 cover plate	Bronze	N/A	80
RA3414	G5-56 <sup>(1)(2)</sup>	15	CCFP	100 with 74 cover plate	Bronze	N/A	80
R5035	G6-56 <sup>(2)</sup>	15	CCWH	74 & 57 with cover plate	Plain,Chrome, White	Quick Response	82

**Notes:**

- <sup>(1)</sup> Not to be installed in ceilings with a positive pressure in the void above.
- <sup>(2)</sup> This sprinkler must be installed in accordance with Bulletin 050, November 2020
- <sup>(3)</sup> This sprinkler must be installed in accordance with Bulletin 036 Rev. A

*S. ACowell*

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