

Certificate of Product Approval

Certificate Number: 1683b

Issue: 01

Reacton Fire Suppression Ltd

14 Baynes Place
Waterhouse Business Park
Chelmsford
Essex
CM1 2QX
United Kingdom

is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Direct Low Pressure (DLP) Application Fixed Fire Suppression Systems

(refer to attached appendix for details)

Standards

LPS 1666: Issue 1.0

Requirements and test procedures for the LPCB approval of direct low pressure (DLP) application fixed fire suppression systems.

This certificate and appendix is maintained and held in force through regular surveillance activities

S. A. Colwell

Signed for BRE Global Ltd.

Sarah Colwell
Verifier

14 January 2022
Date of Issue

14 January 2022
Date of First Issue



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Appendix to Certificate No: 1683b Reacton Fire Suppression Ltd

Issue: 01

Reacton Fire Suppression HFC-227ea Direct Low Pressure (DLP) Application Fixed Fire Suppression Systems

Product Name	Container Size	Description	Detector Tube	Ventilation (Enclosed or Open Vents)	Air Flow (Forced / Natural)	LPCB Ref. No.
RE-CT-014-010-HFC	1.4 Litre	1 kg HFC-227ea DLP system	P/N: RE7211 6mm o/d	Enclosed & open options ⁴	Forced & natural ⁵	1683b/01
RE-CT-026-020-HFC	2.6 Litre	2 kg HFC-227ea DLP system	P/N: RE7211 6mm o/d	Enclosed & open options ⁴	Forced & natural ⁵	1683b/02
RE-CT-048-030-HFC	4.8 Litre	3 kg HFC-227ea DLP system	P/N: RE7211 6mm o/d	Enclosed & open options ⁴	Forced & natural ⁵	1683b/03
RE-CT-048-040-HFC	4.8 Litre	4 kg HFC-227ea DLP system	P/N: RE7211 6mm o/d	Enclosed & open options ⁴	Forced & natural ⁵	1683b/04
RE-CT-075-060-HFC	7.5 Litre	6 kg HFC-227ea DLP system	P/N: RE7211 6mm o/d	Enclosed & open options ⁴	Forced & natural ⁵	1683b/05

Notes:

- Reacton Fire Suppression Ltd DLP Systems shall be configured, installed, serviced and maintained in accordance with:
 - Design, Installation, Operation and Maintenance Manual: DOC - USM0020 - Rev B, Date: 01/06/2021.
 - Design Requirement Sheet - LPS1666: DOC - DRS0001 - Rev C, Date: 01/06/2021
- These systems are intended solely to provide enhanced local fire protection. They are not intended for use as whole room or building fire protection systems.
- The systems use a single method for detection and delivery of the extinguishing agent to the activation point.
 - System operation pressure: 15 bar @ 20°C.
 - System operation temperature range: -20°C to +60°C.
- The above systems may have air vents at low and/or high level (refer note 1).
- The above systems may have forced ventilation (refer note 1).

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S. ACdwell

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Sarah Colwell

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