

## Certificate of Product Approval

Certificate Number: 1408c

Issue: 01

### AIR Fire S.p.A.

Via Tenuta della Mistica - 33/37  
Rome  
00155  
Italy



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

1 July 2020  
Date of Issue

1 July 2020  
Date of First Issue



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## Appendix to Certificate No: 1408c AIR Fire S.p.A.

Issue: 01

### ARMANfire FK-5-1-12 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.
ARFFK501TB	1.3 Litre	1 kg FK-5-1-12 DLP system	P/N: 125101 6mm o/d	Enclosed & open options <sup>4</sup>	Natural airflow only	1408c/01
ARFFK502TB	3.8 Litre	2 kg FK-5-1-12 DLP system	P/N: 125101 6mm o/d	Enclosed & open options <sup>4</sup>	Natural airflow only	1408c/02
ARFFK503TB	3.8 Litre	3 kg FK-5-1-12 DLP system	P/N: 125101 6mm o/d	Enclosed & open options <sup>4</sup>	Natural airflow only	1408c/03
ARFFK504TB	7.5 Litre	4 kg FK-5-1-12 DLP system	P/N: 125101 6mm o/d	Enclosed & open options <sup>4</sup>	Natural airflow only	1408c/04
ARFFK506TB	7.5 Litre	6 kg FK-5-1-12 DLP system	P/N: 125101 6mm o/d	Enclosed & open options <sup>4</sup>	Natural airflow only	1408c/05

#### Notes:

- AIR Fire S.p.A., ARMANfire FK-5-1-12 DLP Systems shall be configured, installed, serviced and maintained in accordance with;
  - Design and Calculations Manual ARMANfire – DCMARFCABFK5EN - V1.1 / Date: 29/04/2020
  - Technical User Manual ARMANfire – TUMARFCABFK5EN - V1.1 / Date: 29/04/2020
- 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: 18 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).

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