

CERTIFICATE OF COMPLIANCE

Certificate Number 20140705- S35465
Report Reference S35465-20140628
Issue Date 2014-July-05

Issued to: FIRETRACE USA L L C
SUITE 2, 8435 N 90TH ST,
SCOTTSDALE AZ 85258


**This is to certify that
representative samples of** COMPONENT - HEAT AUTOMATIC FIRE DETECTORS
Heat Detection Tubing, Model Firetrace, rated 195° C

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 521 STANDARD FOR HEAT DETECTORS FOR FIRE
PROTECTIVE SIGNALING SYSTEMS

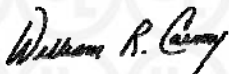
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus





Underwriters Laboratories Inc.®

333 Pfingsten Road
Northbrook, Illinois 60062-2096
United States Country Code (1)
(847) 272-8800
FAX No. (847) 272-2020
<http://www.ul.com>



April 24, 2002

Firetrace USA LLC
Mr. Len Seebaluk
7898 E Acoma Dr
Suite 106
Scottsdale AZ 85260

Our Reference: File Ex5323; Project 00NK35372

Subject: Firetrace Indirect Low Pressure FM-200 Automatic
Extinguisher Units

Dear Mr. Seebaluk:

This serves to confirm that samples of the subject product have been found to comply with the requirements covering the category and the products are judged to be eligible for Listing and Follow-Up Service. The manufacturer is authorized to use the UL Mark on such products which comply with the Follow-Up Service Procedure and any other applicable requirements of Underwriters Laboratories Inc. Only those products which properly bear the UL Mark are considered as Listed by Underwriters Laboratories Inc.

Should you have any questions or comments, please feel free to contact us.

Very truly yours,

YVES FLEURIMOND (Ext. 43584)
Project Engineer
Fire Protection Division
Department 3019CFPD
Yves.Fleurimond@us.ul.com

Reviewed by:

BLAKE M. SHUGARMAN (Ext. 42022)
Sr. Project Engineer
Fire Protection Division
Department 3019CFPD
Blake.M.Shugarman@us.ul.com



GMFZC.EX5323 Self-contained Automatic Extinguisher Units

[Page Bottom](#)

Self-contained Automatic Extinguisher Units

[See General Information for Self-contained Automatic Extinguisher Units](#)**FIRETRACE USA L L C**

EX5323

SUITE 2

8435 N 90TH ST

SCOTTSDALE, AZ 85258 USA

Fire extinguisher units containing ABC dry chemical powder

Model	Agent Capacity, lb	Nozzles Per Discharge Port	Max Protection Area, ft ²	Max Hazard Length, ft (any side)	Maximum Ceiling Height, ft	Rating	Date of Installation Manual (Date of Supplement)
940202	2.5	1 or 2	31.36	5.58	6.0	B:C	2011-05-31 Rev 3 (p/n 800010)
940502	5.0	1 or 2	42.25	6.50	9.0	B:C	2011-05-31 Rev 3 (p/n 800010)
941002	10.0	1 or 2	84.50	6.50	9.0	B:C	2011-05-31 Rev 3 (p/n 800010)
942002	20.0	1	84.50	6.50	9.0	B:C	2011-05-31 Rev 3 (p/n 800010)
942002	20.0	2	169.00	6.50	9.0	B:C	2011-05-31 Rev 3 (p/n 800010)

These units are intended for the following:

- A. Protection of Class B flammable liquid and Class C fires occurring within an enclosure.
- B. Protection where a free-burning fire may be expected. For total flooding applications, the hazard is to be surrounded by a fixed enclosure that enables the required dry chemical concentration to be built up and maintained for the required period of time to ensure the effective extinguishment of fire in combustible materials. The enclosure shall be reasonably tight and the unit shall employ a means of automatic closure of ventilation openings.
- C. Storage and use within the temperature range of 0 to 130°F.
- D. Operating Pressure of 195 psig.
- E. Intended for vertical (upright) installation only

[Last Updated](#) on 2012-09-26[Questions?](#)[Print this page](#)[Terms of Use](#)[Page Top](#)

Copyright © 2012 Underwriters Laboratories of Canada Inc.

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the [UL Environment database](#) for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under ULC's Follow-Up Service. Only those products bearing the ULC Mark should be considered to be Listed and covered under ULC's Follow-Up Service. Always look for the Mark on the product.

ULC permits the reproduction of the material contained in the ULC Online Directories subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the ULC Online Directories with permission from Underwriters Laboratories of Canada Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2012 Underwriters Laboratories of Canada Inc."

An independent organization working for a safer world with integrity, precision and knowledge.





GAOZC.EX5323

Halogenated Media Automatic Fire Extinguisher Units

[Page Bottom](#)

Halogenated Media Automatic Fire Extinguisher Units

[See General Information for Halogenated Media Automatic Fire Extinguisher Units](#)

FIRETRACE USA L L C

EX5323

SUITE 2

8435 N 90TH ST

SCOTTSDALE, AZ 85258 USA

Clean agent fire extinguisher units containing HFC227ea clean agent.

Model	Agent Capacity, kg	Nozzles Per Discharge Port	Max Protection Area, m ²	Max Hazard Length, m (any side)	Min/Max Ceiling Height, m	Rating	Date of Installation Manual (Date of Supplement)
940301	1.36	1 or 2	2.32	1.83	0.46 / 3.66	A,B,C	2009-09-09 Rev 8 (p/n 800022)
940601	2.72	1 or 2	2.32	1.83	0.46 / 3.66	A,B,C	2009-09-09 Rev 8 (p/n 800022)
941201	5.44	1 or 2	2.32	1.83	0.46 / 3.66	A,B,C	2009-09-09 Rev 8 (p/n 800022)

These units are intended for the following:

- A. Protection of Class A surface burning, Class B flammable liquid, and Class C fires occurring within an enclosure.
- B. Protection where a free-burning fire may be expected. For total flooding applications, the hazard is to be surrounded by a fixed enclosure that enables the required clean agent concentration to be built up and maintained for the required period of time to ensure the effective extinguishment of fire in combustible materials. The enclosure shall be reasonably tight and the unit shall employ a means of automatic closure of ventilation openings.
- C. Storage and use within the temperature range of 0 to 130°F.
- D. Operating Pressure 150 psig.
- E. Intended for vertical (upright) installation only.

Clean agent fire extinguisher units containing NOVEC 1230 clean agent.

Model	Agent Capacity, kg	Nozzles Per Discharge Port	Max Protection Area, m ²	Max Hazard Length, m (any side)	Min/Max Ceiling Height, m	Rating	Date of Installation Manual (Date of Supplement)
940205	1.13	1 or 2	2.32	1.52	0.46 / 3.05	A,B,C	2011-01-11 Rev 1 (p/n 800025)
940505	2.27	1 or 2	2.32	1.52	0.46 / 3.05	A,B,C	2011-01-11 Rev 1 (p/n 800025)
941005	4.54	1 or 2	2.32	1.52	0.46 / 3.05	A,B,C	2011-01-11 Rev 1 (p/n 800025)

These units are intended for the following:

- A. Protection of Class A surface burning, Class B flammable liquid, and Class C fires occurring within an enclosure.
- B. Protection where a free-burning fire may be expected. For total flooding applications, the hazard is to be surrounded by a fixed enclosure that enables the required clean agent concentration to be built up and maintained for the required period of time to ensure the effective extinguishment of fire in combustible materials. The enclosure shall be reasonably tight and the unit shall employ a means of automatic closure of ventilation openings.
- C. Storage and use within the temperature range of 0 to 130°F.
- D. Operating Pressure 195 psig.
- E. Intended for vertical (upright) installation only.

Copyright © 2012 Underwriters Laboratories of Canada Inc.

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the UL Environment database for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under ULC's Follow-Up Service. Only those products bearing the ULC Mark should be considered to be Listed and covered under ULC's Follow-Up Service. Always look for the Mark on the product.

ULC permits the reproduction of the material contained in the ULC Online Directories subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the ULC Online Directories with permission from Underwriters Laboratories of Canada Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2012 Underwriters Laboratories of Canada Inc."

An independent organization working for a safer world with integrity, precision and knowledge.

