

CERTIFICATE OF COMPLIANCE

Certificate Number 20181127-EX15893
Report Reference EX15893-20140409
Issue Date 2018-NOVEMBER-27

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

This certificate confirms that representative samples of CLEAN AGENT EXTINGUISHING SYSTEM UNITS, Complementary Product Category CLEAN AGENT EXTINGUISHING SYSTEM UNITS
See next page

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

Standard(s) for Safety: ANSI/CAN/UL/ULC 2166 Standard for Halocarbon Clean Agent Extinguishing System Units

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Models:

USL and CNL ENGINEERED UNITS – NOVEC 1230, designated as Novec 1230, Clean Agent Extinguishing System Units, stored pressure type. The units are super-pressurized at 500 psi (35 bar) at 70°F, and have an operating temperature range of 32°F to 130°F. The units are designed for total-flooding protection against Class A surface burning, Class B flammable liquid, and Class C fires occurring within an enclosure. The extinguishing system units are intended for use in accordance with the installation, operation, and maintenance instruction manual p/n FTF000003, Rev B, dated June 7, 2018. These installations require the use of the Listee’s flow calculation software Vds Novec 1230, Version 7.5, dated April 2010, for engineered units.

MODEL*	CYLINDER (Nominal)	FILL RANGE (lbs)		FILL RANGE (kgs)		VALVE SIZE (Nominal)
		Minimum	Maximum	Minimum	Maximum	
*FTF000015 / 2000015	38 lbs (15L)	10	38	4.5	17.0	1"
FTF000029 / 2000029	75 lbs (29L)	16	76	7.5	34.5	1"
FTF000062 / 2000062	160 lbs (62L)	33	164	15.0	74.0	1 ½ "
FTF000103 / 2000103	270 lbs (103L)	55	271	25.0	122.5	1 ½ "
FTF000153 / 2000153	400 lbs (153L)	82	406	37.5	184.0	2 ½ "
FTF000227 / 2000227	600 lbs (227L)	121	601	55.0	272.5	2 ½ "
FTF000368 / 2000368	950 lbs (368L)	193	964	88.0	437.0	2 ½ "
FTF000490 / 2000490	1300 lbs (490L)	260	1297	118.0	588.0	4 "

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MODEL	CYLINDER (Nominal)	FILL RANGE (lbs)		FILL RANGE (kgs)		VALVE SIZE (Nominal)
		Minimum	Maximum	Minimum	Maximum	
*01-001352	38 lbs (15L)	10	38	4.5	17.0	1"



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01-001366	75 lbs (29L)	16	76	7.5	34.5	1"
01-001399	160 lbs (62L)	33	164	15.0	74.0	1 ½ "
01-001440	270 lbs (103L)	55	271	25.0	122.5	1 ½ "
01-001490	400 lbs (153L)	82	406	37.5	184.0	2 ½ "
01-001564	600 lbs (227L)	121	601	55.0	272.5	2 ½ "
01-001705	950 lbs (368L)	193	964	88.0	437.0	2 ½ "
01-001827	1300 lbs (490L)	260	1297	118.0	588.0	4 "



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