

# CERTIFICATE OF COMPLIANCE

**Certificate Number** EX4674  
**Report Reference** EX4674 -20141031  
**Date** 2023-April-13

**Issued to:** Kidde-Fenwal Inc  
400 MAIN ST  
ASHLAND MA, 01721-2150 US  
Kidde-Fenwal Inc  
400 MAIN ST  
ASHLAND MA, 01721-2150 US

**This is to certify that  
representative samples of**

CLEAN-AGENT EXTINGUISHING SYSTEM UNITS  
See Addendum Page for Product Designation(s).

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

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

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

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides 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.

*Deborah Jennings-Conner*

Deborah Jennings-Conner, VP Regulatory Services

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

Kidde ADS Series Engineered, Models 45-500201-001, 45-500351-001, 45-500601-001, and 45-500901-001 clean agent extinguishing system units, having nominal charging capacities of 200, 350, 600, and 900 lbs 3MTM Novec™ 1230 or Fluoro-KTM Fire Protection Fluid (FK 5-1-12), respectively. The units are super-pressurized to 360 psig (25 bar) at 70°F (21°C) with operating temperatures of 32°F to 130°F (0°C to 54°C). An additional nitrogen driver is used to provide additional pressure to propel the agent. Nitrogen is stored in steel cylinders at 1800 PSIG (124 bar). 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.

\*A description of these extinguishing system units and the design and installation limitations are contained in the Listee's Installation Manual Part No. 06-237256-001 dated December 2022 along with Manual Addendum for 2-Way NPT and Grooved Selector and Lockout Valve, Part No. 06-237873-001 dated January 2023.

These installations require the use of the Listee's flow calculation software ADS Version 4.00 or KFS Version 4.00 (reference flow calculation manual Part No. 06-237256-004 dated July 2014, see EX4674, Vol. 1C, Sec. 8).

These system units consist of the components included below and as indicated in the manuals in the illustration section of this procedure. Components are identical to the components covered in Volume 1, 6, and 9.1 of this Procedure, unless otherwise noted in the illustrations.

## Nitrogen Driver Cylinder Valve Assemblies

Nominal Size, V in. <sup>3</sup>	Fill Weight, lb	Kidde Part Number
2300	12.2	85-102300-001
4070	21.0	85-104070-001
4890	25.1	85-104890-001

## FK 5-1-12 Cylinder Valve Assemblies

Nominal size, lb	Fill Range, lb	Kidde Part Number	Valve Size, in.
200	100-200	45-500201-001	2
350	175-350	45-500351-001	2
450	260-450	45-500451-001	2
600	300-600	45-500601-001	3
910	455-910	45-500901-001	3

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