

CERTIFICATE OF COMPLIANCE

Certificate Number EX4986
Report Reference EX4986
Issue Date 2023-MARCH-13

Issued to: Fire & Hazard Control Equipment Co. Ltd.
Manufacturer Company: 69th Street
P.O. Box 8401
Dammam II Industrial Area
Dammam 31482 SA

Listed Company: PYRO-CHEM – A Tyco Fire Protection Products Brand
1 Stanton St.
Marinette, WI 54143-2542

This is to certify that
representative samples of Clean-Agent Extinguishing System Units
See Addendum for Model information

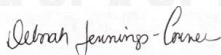
Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

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

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

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

Look for the UL Certification Mark on the product.



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.

ENGINEERED UNITS

Engineered FM-200® Models 570003, 570004, 570005, 570006, 570007, 570008, 570009, and 570346 Clean Agent Extinguishing System Units utilizing DOT rated cylinders, stored pressure type, having nominal charging capacities of 8, 16, 32, 52, 106, 147, 180, and 343 L (17, 35, 70, 114, 233, 324, 396 and 756 lbs) of FM-200® Clean Agent, respectively.

Engineered FM-200® Models 570320, 570321, 570322, 570323, 570324, 570325, 570326, and 570370 Clean Agent Extinguishing System Units utilizing TC rated cylinders, stored pressure type, having nominal charging capacities of 8, 16, 32, 52, 106, 147, 180, and 343L (17, 35, 70, 114, 233, 324, 396 and 756 lbs) of FM-200® Clean Agent, respectively.

The units are super-pressurized to 360 psig (25 bar) with operating temperatures of 32°F to 130°C (0°C to 54°C). The units are designed for total flooding protection against Class A surface burning, Class B flammable liquid and C fires occurring within an enclosure.

These system units are intended to be designed and installed in accordance with the Listee's Engineered System Installation, Recharge and Maintenance Manual, P/N 570000-3 dated 2010-04-01, Main/Reserve Actuation Isolator Installation Manual Supplement, P/N 553571 dated March 31, 2010, Pyro-Chem Bulletin No. 2015227, Placement Indicator Switch, dated November 12, 2015, Manual Bulletin 16426 dated December 15, 2021, and the FM-200® Engineered System Flow Calculation Software Versions PYCM3.04b or TYCO4.00.

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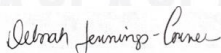
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Engineered HFC-227ea Models 570811, 570812, 570813, 570814, 570815, 570816, 570817, and 570818 Clean Agent Extinguishing System Units, utilizing DOT rated cylinders, stored pressure type, having nominal charging capacities of 8, 16, 32, 52, 106, 147, 180, and 343 kg (17, 35, 70, 114, 233, 324, 396 and 756 lbs) of HFC-227ea Clean Agent, respectively.

Engineered HFC-227ea Models 570819, 570820, 570821, 570822, 570823, 570824, 570825, and 570826 Clean Agent Extinguishing System Units utilizing TC rated cylinders, stored pressure type, having nominal charging capacities of 8, 16, 32, 52, 106, 147, 180, and 343L (17, 35, 70, 114, 233, 324, 396 and 756 lbs) of HFC-227ea Clean Agent, respectively.

The units are super-pressurized to 360 psig (25 bar) with operating temperatures of 32 F (0 C) to 130 F (50 C). The units are designed for total flooding protection against Class A surface burning, Class B flammable liquid and C fires occurring within an enclosure.

These system units are intended to be designed and installed in accordance with the Listee's Engineered System Installation Guide P/N 570830 dated February 15, 2011, Main/Reserve Actuation Isolator Installation Manual Supplement, P/N 553571 dated March 31, 2010, and Pyro-Chem Bulletin No. 2016028, Placement Indicator Switch, dated January 15, 2016 and Manual Bulletin 16426 dated December 15, 2021. These installations require the use of the Listee's Flow Calculation Software, Pyro Chem HFC-227ea Versions TFPP3.04b or TYCO4.00.



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