

GAQF.EX28241 - Clean-agent Extinguishing System Units

Clean-agent Extinguishing System Units

IGNITE EQUIPMENTS TRADING LTD

EX28241

WorkStation No: 215B, Building No. 280, Taweelah
Abu Dhabi, United Arab Emirates

ENGINEERED UNITS, 3M™ Novec™ 1230 Fire Protection Fluid (dodecafluoro-2-methylpentan-3-one) Extinguishing System Units, stored pressure type, with **welded cylinders** having nominal charging capacities of 17.8, 18.1, 29.5, 34.5, 59.0, 74.4, 125.6, 146.1, 179.2, 272.6, 385.6 and 412.8 kg (with corresponding nominal cylinder volumes of 14.5, 15.0, 24.5, 29, 49, 62, 105, 150, 227, 345 and 368 L) Novec™ 1230 Fluid, respectively. The units are super-pressurized to 25 bar (360 psig) with operating temperatures of 0° F to 130° F (-18°C to 54°C). 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.

These system units are intended to be designed and installed in accordance with the Listee's Engineered System Design, Installation, Operation and Maintenance Manual P/N SSI 1230_25 bar, dated March 2020 and Sevo software Novec - Calculation program Versions 7.2 or 7.6. Copies are available from the above Listee.

AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (lbs)	Part No.
16-40	SSI 140077-25.0
16-40	SSI 140069-25.0
26-65	SSI 140078-25.0
30-76	SSI 140079-25.0
52-130	SSI 140068-25.0
66-164	SSI 140817-25.0
111-277	SSI 140021-25.0
129-322	SSI 140057-25.0
157-395	SSI 140067-25.0
241-601	SSI 14813-25.0
366-854	SSI 140106-25.0
390-910	SSI 140107-25.0

ENGINEERED UNITS, 3M™ Novec™ 1230 Fire Protection Fluid (dodecafluoro-2-methylpentan-3-one) Extinguishing System Units, stored pressure type, **welded cylinders** having nominal storage capacities of 17.8, 18.1, 29.5, 34.5, 59.0, 74.4, 125.6, 146.1, 179.2, 272.6, 385.6 and 412.8 kg (with corresponding nominal cylinder volumes of 14.5, 15.0, 24.5, 29, 49, 62, 105, 150, 227, 345 and 368 L) Novec™ 1230 Fluid, respectively. The units are super-pressurized to 34.5 bar (500 psig) with operating temperatures of 0°F to 130°F (-18°C to 54°C). 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.

These system units are intended to be designed and installed in accordance with the Listee's Engineered System Design, Installation, Operation and Maintenance Manual P/N SSI 1230_34.5 bar dated March 2020, and Sevo VDS software Novec - Calculation program Versions 7.2 or 7.6. Copies are available from the above Listee.

AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (lbs)	Part No.
16-40	SSI 140069-34.5

30-76	SSI 140079-34.5
66-164	SSI 14817-34.5
129-322	SSI 140057-34.5
241-601	SSI 14813-34.5
390-910	SSI 140107-34.5
15-38	SSI 140077-34.5
26-65	SSI 140078-34.5
52-130	SSI 140068-34.5
111-277	SSI 140021-34.5
157-395	SSI 140067-34.5
366-854	SSI 140106-34.5

ENGINEERED UNITS, Titan Series Engineered Clean Agent Extinguishing System Units containing 3M™ Novec™ 1230 Fire Protection Fluid (dodecafluoro-2-methylpentan-3-one), stored pressure type, with welded cylinders having nominal storage capacities of 40, 76, 164, 322, 601 and 910 lb (18.1, 34.5, 74.4, 146.1, 272.6 and 412.8 kg) of Novec™ 1230 Fluid (dodecafluoro-2-methylpentan-3-one). The units are pressurized with dry nitrogen to 240 psig (16.5 bar) at 70°F (21°C) with operating temperatures of 0°F to 130°F (-18°C to 54°C). 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.

ENGINEERED UNITS, Titan Series Engineered Clean Agent Extinguishing System Units containing 3M™ Novec™ 1230 Fire Protection Fluid (dodecafluoro-2-methylpentan-3-one), non-pressurized type, with welded cylinders having nominal storage capacities of 40, 76, 164, 322, 601, 910, 1250 and 2500 lb (18.1, 34.5, 74.4, 146.1, 272.6, 412.8, 567.0 and 1134.0 kg) of Novec™ 1230 Fluid (dodecafluoro-2-methylpentan-3-one). The units are unpressurized with operating temperatures of 0°F to 130°F (-18°C to 54°C). 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 Engineered System Design, Installation, Operation and Maintenance Manual P/N TE 1230 500 ENG issued April 2009 and revised March 31, 2016 Version D and Sevo VDS software Novec -Calculation Program Versions 7.2 or 7.6.

AGENT STORAGE CONTAINER ASSEMBLY

Weight of Agent (lbs)	Part No.
16-40	CT 140069
30-76	CT 140079
66-164	CT 14817
129-322	CT 140057
241-601	CT 14813
390-974	CT 140107
507.8-1271	CT 140480
1000.8-2505	CT 140946

Trademark and/or Tradename: "SSI 1230"

Last Updated on 2021-06-25

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 UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (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 Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"