



GAQF.GuideInfo Clean Agent Extinguishing System Units

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[Extinguishers and Extinguishing System Units] Clean Agent Extinguishing System Units

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INSTALLATION AND USE

Clean agent extinguishing system units are devices which are assembled in a system to discharge an extinguishing agent through fixed piping and nozzles for the extinguishment of fires. These units include actuating assemblies designed for automatic and manual operation, tank assemblies for storing the extinguishing agent, discharge assemblies, manifold check valves, selector valves, discharge nozzles and other miscellaneous devices.

Clean agent extinguishing system units are intended to be used in accordance with the United States Environmental Protection Agency's (EPA) rules for chemicals intended to replace stratospheric ozone depleting substances described in the Significant New Alternative Policy (SNAP) program.

Clean agent extinguishing systems are intended to be designed, installed and maintained in accordance with the proposed Standard of the National Fire Protection Association for Clean Agent Fire Extinguishing Systems, NFPA 2001, and the manufacturer's installation and maintenance manual. These units are designed to be used for total flooding applications unless otherwise indicated in the individual listings. For total flooding applications, the hazard is surrounded by a fixed enclosure which enables the required concentration to be built up and maintained for the required period of time to ensure the effective extinguishment of fire in combustible materials.

The total flooding design concentrations for surface type Class A and Class B fires are specified in the individual manufacturer's design and/or installation manual referenced in each Listing.

It should be noted that fires involving densely packed fibrous materials, such as baled cotton, jute, pressed fiberboard or the like, are special hazards and should be given specific consideration. Extinguishment of materials of this type may require substantially higher concentrations.

For information regarding safeguards for personnel, products of decomposition, and exposure to the agent, refer to the proposed NFPA 2001.

Inspection Authorities Having Jurisdiction should be consulted before installation is made.

REQUIREMENTS

The basic standards used to investigate products in this category are [UL 2166](#), "Halocarbon Agent Extinguishing System Units" , and [UL 2127](#), "Inert Gas Clean Agent Extinguishing System Units." ,

UL MARK

The Listing Mark of Underwriters Laboratories Inc. on the tank assembly is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED" , a control number, and the product name: "Clean Agent Extinguishing System Unit."

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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 Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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