

FEATURES

- Economically priced
- Meets or exceeds requirements of ANSI/UL 1093 and 711
- Simple operation and maintenance
- Tough, glare-resistant, one-piece mylar nameplates
- Rechargeable
- Manufactured of durable high quality materials
- Large, easy-to-read pressure gauge
- Manuals, parts lists, videotapes available for training purposes
- Hand portable fire fighting training at the world renowned Ansul Fire School
- Six year limited warranty from date of delivery to original end-user purchaser
- Sold and serviced through a network of independent distributors in every state and most foreign countries

APPLICATIONS

CLEANGUARD extinguishers are designed for protection of light, ordinary and extra high hazards. These compact and portable extinguishers are suited for both industrial and commercial fire protection needs. Typical applications include:

- Computer rooms
- Essential communication areas
- Irreplaceable data, document, and art storage rooms
- Laboratories
- Sensitive/expensive equipment

DESCRIPTION

1. CLEANGUARD shells are produced by a single step cold deep draw process which yields a seamless steel cylinder with an extremely high tensile strength.
2. Ansul's unique pre-treatment of the raw low carbon steel not only consists of a cleaning process, but also applies a special lubricant which helps keep the interior and exterior shell surfaces are scratch free.
3. The collar and specially preformed bottom enclosure are MIG welded to produce a smooth, high integrity weld.
4. Extinguisher shells are 100% factory hydrotested to 600 psi (41.4 bar).

HAND PORTABLE EXTINGUISHERS DATA SHEET

5. Proprietary metal finishing equipment and two coat powder paint system used by Ansul is superior to conventional liquid and powder paint systems. The equipment and the two coat system work together to maximize the properties of each paint.
6. Prior to painting, a custom designed shot blaster is used to obtain a "white metal" finish on the exterior of the shell. The blasting process removes surface contaminants and provides a textured surface which promotes paint adhesion.
7. The specially formulated two coat powder paint system is electrostatically applied and cured in infrared ovens. First, an epoxy primer is applied for maximum corrosion resistance and adhesion. Then, to resist fading, cracking, and chipping, a polyester urethane top coat is applied.
8. Easy grip extinguisher handles designed for maximum portability, allowing operators to fight the fire without removing work gloves.
9. CLEANGUARD extinguisher valve bodies are made from a durable extruded aluminum alloy which has been black anodized for additional corrosion resistance.
10. Completed valve assemblies feature plated steel valve stems which contain O-Ring and seat material compatible with the FE-36 agent to provide reliable performance and long life.
11. Rugged all-steel pick-up tubes help provide proper and dependable agent flow through the valve body.
12. Aluminum alloy hose ferrules are coated with Stalgard® to resist oxidation.
13. CLEANGUARD extinguishers have large, color-coded pressure gauges which provide a quick visual indication of unit readiness.
14. Metal ring pins with metal retention chains are utilized and held in place by a visual inspection seal to help prevent accidental discharges.
15. One piece mylar label with easy-to-read pictograms provides the user with step-by-step operating instructions and the hazard classes for which the extinguisher was designed. Label also contains useful recharge, maintenance, inspection, operating temperature, HMIS and model information. (Optional multilingual nameplates are also available.)
16. Ansul valve subassemblies are 100% tested for functionality before final assembly.

CLEANGUARD™ CLEAN AGENT EXTINGUISHERS

17. CLEANGUARD extinguishers are filled at the factory to precise filling tolerances.
18. Pressurized and 100% leak tested utilizing mass spectrometry technology.
19. Anodized metal nozzle tips are designed to tight specifications and maximize the extinguishment capabilities of the particular model.
20. CLEANGUARD extinguishers are shipped from the factory in individual recyclable corrugated cardboard cartons. Designed and field tested to help assure your extinguishers arrive undamaged and ready for operation. The glued one-piece cartons have carrying handles and a pressure gauge inspection port.
21. All CLEANGUARD extinguisher cartons are properly labeled according to the latest DOT regulations for ease of shipping in the field.
22. As a final quality control step, CLEANGUARD extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.

AGENT

FE-36 – A colorless, odorless, electrically non-conductive "clean" agent which discharges as a liquid and flashes to a gas, providing an increased effective fire fighting range. FE-36 will not cause thermal shock damage to delicate electronic equipment.

FE-36 has been accepted by the EPA for commercial, industrial, and military use under the EPA's SNAP program.

APPROVALS

CA-0581 is both UL and ULC approved.


CA-0981 and CA-1381 are UL approved.

CA-1081 and CA-1481 are ULC approved.

ORDERING INFORMATION

For fire protection assistance, see your nearest authorized Ansul distributor listed in your local yellow pages or contact your Ansul sales representative.

SPECIFICATIONS

CLEANGUARD Extinguishers	CLEANGUARD 5	CLEANGUARD 9 and 10		CLEANGUARD 13 and 14	
					
Model	CA-0581	CA-0981	CA-1081	CA-1381	CA-1481
Extinguisher Part No.	426172 423994 (ULC)	427009	423997 (ULC)	427016	426000 (ULC)
Bracket Part No.*	32820	422737	422737	30937	30937
Agent Capacity	4.75 lb. (2.2 kg)	9.5 lb. (4.3 kg)	10 lb. (4.5 kg)	13.25 lb. (6 kg)	14 lb. (6.4 kg)
UL/ULC Rating	5-B:C	1-A:10-B:C		2-A:10-B:C	
Discharge Time	8.5 seconds	9.5 seconds	8.5 seconds	13.5 seconds	14.5 seconds
Effective Range	10-12 ft. (3.1-3.7 m)	14-16 ft. (4.3-4.9 m)		14-16 ft. (4.3-4.9 m)	
Agent Flow Rate	0.61 lb./sec. (.28 kg/sec.)	1.15 lb./sec. (.52 kg/sec.)	1.14 lb./sec. (.52 kg/sec.)	1.12 lb./sec. (.51 kg/sec.)	0.97 lb./sec. (.44 kg/sec.)
Charged Weight	10.25 lb. (4.65 kg)	21.81 lb. (9.89 kg)	22.31 lb. (10.12 kg)	25.63 lb. (11.63 kg)	26.38 lb. (11.97 kg)
Dimensions					
Height	16 13/16 in. (42.7 cm)	19 1/4 in. (48.9 cm)		23 3/4 in. (60.3 cm)	
Width	8.5 in. (21.6 cm)	9 1/2 in. (24.1 cm)		9 1/2 in. (24.1 cm)	
Depth	5 in. (12.7 cm)	7 in. (17.8 cm)		7 in. (17.8 cm)	
Fire Suppression Capability					
UL Panel Class A	N/A	8 ft. x 8 ft. (2.4 m x 2.4 m) Panel		10 ft. x 10 ft. (3.1 m x 3.1 m) Panel	
Novice Operator** Class B	5 sq. ft. (.47 sq. m)	10 sq. ft. (.93 sq. m)		10 sq. ft. (.93 sq. m)	
Experienced Operator Class B	12.5 sq. ft (1.2 sq. m)	25 sq. ft. (2.3 sq. m)		25 sq. ft. (2.3 sq. m)	

* U.S. Coast Guard Pending

** Underwriters' Laboratories classifies a 'novice operator' as one who has little or no experience in operating a fire extinguisher.

Hydrostatic Test Requirement: Once every 12 years (All Models)

ANSUL is a registered trademark.

CLEANGUARD is a trademark.

STALGARD is a registered trademark of Elco Industries, Inc., Rockford, IL 61125.

FE-36 is a trademark of Dupont.