GREENSOL® AEROSOL FIRE SUPPRESSION SYSTEMS MODEL A5000

The GreenSol® A5000 Fire Extinguisher is based on the environment-friendly SFE Powdered Aerosol technology, listed on the USEPA Halon Alternatives SNAP list as Powdered Aerosol A.

The A5000 model is designed to extinguish and provide extinguishment for Class A (solid fuel), B (liquid and gas fuel), and C (electrical) fires in defined enclosures.

The extinguishing agent concentration required for each type of fire and volume to be protected is determined by the solid SFE agent content in the GreenSol® unit and the number of units per system. The extinguishing agent delivered by the GreenSol® system is a powdered aerosol created in-situ by a chemical reaction taking place in a non-pressurized container, delivering dry powder small particles (1-5 microns) floating in inert gases.

The GreenSol® A5000 unit produces large amounts of powdered aerosol, designed to extinguish a fire in a 50m³ closed volume. The system is compatible with standard detection and control systems and can be installed inside or outside the protected volume.

FEATURES & BENEFITS

- Powdered Aerosol Halon Replacement
- No Ozone Depletion (ODP)
- No Global Warming (GWP)
- Non-toxic
- Highly Efficient - 100 gr/m³
- Maintenance Free
- Small-Safe-Simple. Piping not required.
- For Class A-B-C-K(F) Total Flooding Applications
- Extremely Cost Effective

APPLICATION EXAMPLES

- CNC - machines and Engine compartments
- Computer Control rooms (sub floor; above ceiling)
- Electrical cabinets and Wind Turbine Nacelles
- Generator & compressor rooms and compartments
- Flammable and combustible liquids and gas storage
- Marine applications
- Paint rooms and battery storage
- Telecommunications facilities
- Military

TECHNICAL SPECIFICATIONS

- Extinguishing Volume : 50 m³ (100 gr/m³)
- Activation Mode : Electrical
- Powdered Aerosol Color : white / light gray
- Discharge Time : 60 seconds
- Temperature Range : -40°C (-40°F) to 80°C (176°F)
- Toxicity : None
- SFE Weight : 5000 gr / 11.02lbs.
- SFE Specific Gravity : 1.2 - 1.5 gr/cm³
- SFE Combustion Velocity : 1.1 - 1.2 mm/sec.
- Power Supply : 1.2 A
- Ignition : Electrical match (1a-1w type)
- Electrical Resistance : Linear Connection 1.7 - 3.7 Ohm(© 0.2) Parallel Connection 0.4 - 1.0 Ohm (© 0.2)
- Dim: W190 mm (7.48") H445 mm (17.5") L390 mm (15.34")
- Total Weight : 46 kg (101.41 lbs.)
- Ozone Depletion Potential : None
- Global Warming Potential : None