KIDDE FIRE SYSTEMS

Kidde ECS Series FM-200 Fire Suppression System

Engineered total flooding clean agent fire suppression system utilizing FM-200® (HFC-227ea). Super-pressurized with dry nitrogen to 360 psig at 70°F, it rapidly extinguishes Class A, B, and C fires in 10 seconds or less without leaving residue or causing damage to sensitive electronic assets.



UL Listed | FM Approved | USCG Approved

Complies with NFPA 2001 & EPA SNAP Program

KEY SPECIFICATIONS

Extinguishing agent	FM-200® / HFC-227ea
Chemical formula	CF_3CHFCF_3 (1,1,1,2,3,3,3-heptafluoropropane)
Discharge time	≤ 10 seconds
Max fill density	70 lb/ft³ (1121 kg/m³)
Ozone depletion potential (ODP)	0
Fire ratings	Class A, B, and C Fires
Operating pressure	360 psig @ 70°F (24.8 bar @ 21°C)
Operating temperature range	32°F to 130°F (0°C to 54.4°C)
Cylinder material	Alloy Steel
Actuation types	Electric Control Head, Pneumatic / Pressure-Operated, Manual Cable Pull

FEATURES

- Clean agent FM-200® (HFC-227ea)
- Rapid fire suppression in 10 seconds or less
- No residue, no damage to sensitive equipment
- Super-pressurized with dry nitrogen to 360 psig at 70°F
- Suitable for Class A, B, and C fires
- Multiple actuation options (electric, pneumatic, manual)
- Complies with NFPA 2001 and EPA SNAP Program

APPLICATIONS

- Data centres and server rooms
- Telecommunications facilities
- Electrical and control rooms
- Industrial and manufacturing facilities
- Marine and offshore installations
- Museums, archives and valuable asset protection
- Any occupied or unoccupied area with sensitive electronic equipment

PRODUCT OPTIONS & CONFIGURATIONS

Series	Description	Available Sizes	Remarks
ECS Series	FM-200 Clean Agent Fire Suppression System	Various cylinder sizes available	System design, components and configuration to be based on project requirements

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