



YOUR ONBOARD  
SAFE CHOICE

WORLD LEADER IN  
MARINE FIRE SUPPRESSION TECHNOLOGY

# HFC-227ea Fire System

## Pre-engineered | FG & FD SERIES

### Applications Include:

- Engine Compartment
- Machinery Compartment
- Generator Area
- Electrical Control Room
- Fuel Storage Lockers
- Lazarette

### System Specifications

- Protects spaces up to 1500 ft<sup>3</sup> (42.5 m<sup>3</sup>)
  - Available in increments of 25ft<sup>3</sup> (0.7m<sup>3</sup>)
- Activation temp:
  - FG 25-75 | 200-250°F (93-121°C)
  - FG 100-240 | 175-255°F (79-107°C)
  - FD 150-1500 | 175-255°F (79-107°C)
- FD models are refillable
- FG models are non-refillable
- Operating temperature range:
  - FG 0°F to 130°F (-18°C to 55°C)
  - FD 20°F to 130°F (-7°C to 55°C)

### HFC-227 Agent

- People safe at design concentration
- Removes heat energy to prevent combustion
- No clean-up after discharge
- Not harmful to equipment & machinery
- Environmentally responsible (no ozone depletion)



### Product Features

- Pre-engineered to protect a specific volume of enclosed space
- Automatically discharged through heat activation
- System supervisory pressure switch
- Comes with safety pin to arm/disarm manual cable release during inspection/maintenance
- Equipped with bi-directional cable release bracket for ease of install from either side
- Made in the U.S.A.



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Additional product data sheets & information available upon request

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SB-001 REV A





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## Selecting the proper system

1. Determine the volume of the enclosure in cubic feet or cubic meters: measure Length x Width x Height (LxWxH) taking into consideration the curvature of the hull.
2. Select an automatic only ("A") or manual / automatic ("M") model from the chart that meets or exceeds the calculated volume of the protected enclosure

## What's Included?

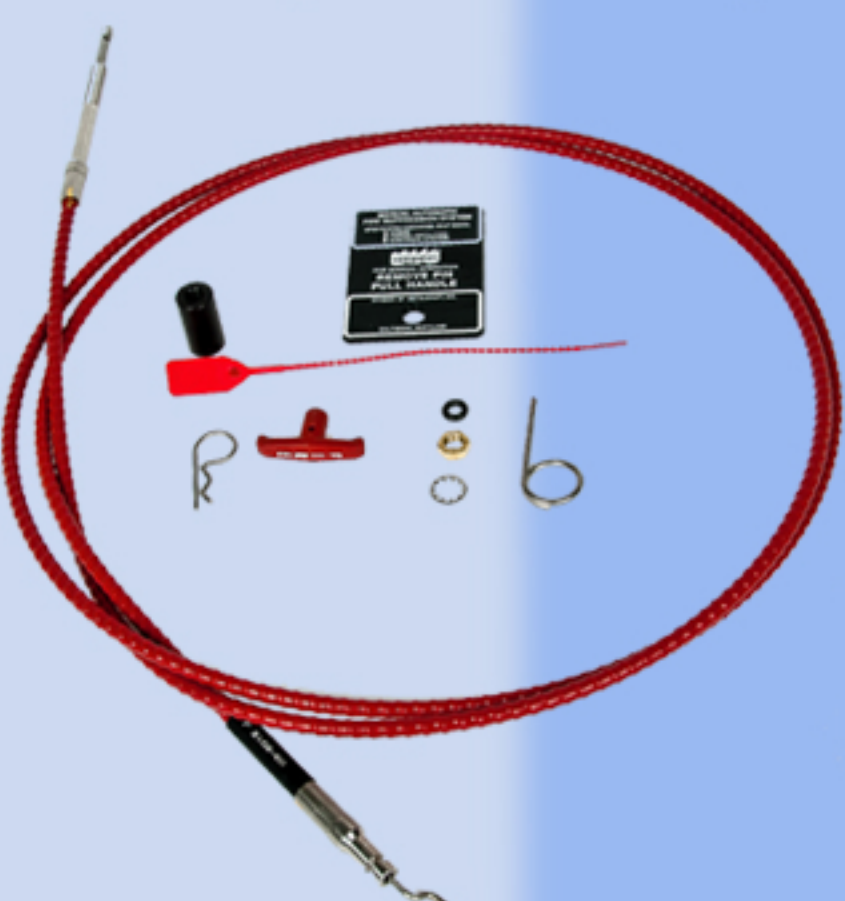
- Fire Suppression System
- System Mounting Bracket
- Suppression System Indicator Light
- System Installation & Instruction Manual

## Accessory Items to Consider

- Manual Discharge Cable
- MSRS/ESRS (Shutdown Restart System) & Display Panels
- High Temperature Sensor

## System Model Chart

Model Number	Volume of Protection	Dims (Width x Height)	Ship Weight
<b>FG Series</b>			
FG 25 A M	25 ft <sup>3</sup> (0.7 m <sup>3</sup> )	5" x 11.9"	2.6 lb (1.2 kg)
FG 50 A M	50 ft <sup>3</sup> (1.4 m <sup>3</sup> )	5" x 15"	5.4 lb (2.5 kg)
FG 75 A M	75 ft <sup>3</sup> (2.1 m <sup>3</sup> )	5" x 17.8"	6.8 lb (3.1 kg)
FG 100 A M	100 ft <sup>3</sup> (2.8 m <sup>3</sup> )	5" x 18.1"	9.2 lb (4.2 kg)
FG 125 A M	125 ft <sup>3</sup> (3.5 m <sup>3</sup> )	5" x 18.2"	11.0 lb (5.0 kg)
FG 150 A M	150 ft <sup>3</sup> (4.2 m <sup>3</sup> )	5.5" x 19.8"	12.7 lb (5.8 kg)
FG 175 A M	175 ft <sup>3</sup> (5.0 m <sup>3</sup> )	5.5" x 19.8"	15.7 lb (7.1 kg)
FG 200 A M	200 ft <sup>3</sup> (5.7 m <sup>3</sup> )	5.5" x 19.8"	16.8 lb (7.6 kg)
FG 225 A M	225 ft <sup>3</sup> (6.4 m <sup>3</sup> )	5.5" x 19.8"	18.2 lb (8.3 kg)
FG 240 A M	240 ft <sup>3</sup> (6.8 m <sup>3</sup> )	5.5" x 19.8"	18.8 lb (8.5 kg)
<b>FD Series</b>			
FD 150 A M	150 ft <sup>3</sup> (4.2 m <sup>3</sup> )	6.2" x 19.9"	21.2 lb (9.6 kg)
FD 175 A M	175 ft <sup>3</sup> (5.0 m <sup>3</sup> )	6.2" x 19.9"	22.3 lb (10.1 kg)
FD 200 A M	200 ft <sup>3</sup> (5.7 m <sup>3</sup> )	6.2" x 19.9"	23.4 lb (10.6 kg)
FD 225 A M	225 ft <sup>3</sup> (6.4 m <sup>3</sup> )	6.2" x 19.9"	24.5 lb (11.14 kg)
FD 250 A M	250 ft <sup>3</sup> (7.1 m <sup>3</sup> )	7.4" x 19.2"	28 lb (12.7 kg)
FD 275 A M	275 ft <sup>3</sup> (7.8 m <sup>3</sup> )	7.4" x 19.2"	29 lb (13.2 kg)
FD 300 A M	300 ft <sup>3</sup> (8.5 m <sup>3</sup> )	7.4" x 19.2"	30 lb (13.6 kg)
FD 325 A M	325 ft <sup>3</sup> (9.2 m <sup>3</sup> )	7.4" x 19.2"	31 lb (14.1 kg)
FD 350 A M	350 ft <sup>3</sup> (9.9 m <sup>3</sup> )	7.4" x 19.2"	32 lb (14.5 kg)
FD 400 A M	400 ft <sup>3</sup> (11.3 m <sup>3</sup> )	7.7" x 23.8"	39 lb (17.7 kg)
FD 450 A M	450 ft <sup>3</sup> (12.7 m <sup>3</sup> )	7.7" x 23.8"	42 lb (19.1 kg)
FD 500 A M	500 ft <sup>3</sup> (14.2 m <sup>3</sup> )	7.7" x 23.8"	44 lb (20.0 kg)
FD 550 A M	550 ft <sup>3</sup> (15.6 m <sup>3</sup> )	7.7" x 23.8"	52 lb (23.6 kg)
FD 600 A M	600 ft <sup>3</sup> (17.0 m <sup>3</sup> )	7.7" x 23.8"	54 lb (24.5 kg)
FD 650 A M	650 ft <sup>3</sup> (18.4 m <sup>3</sup> )	8.6" x 28.1"	66 lb (30.0 kg)
FD 700 A M	700 ft <sup>3</sup> (19.8 m <sup>3</sup> )	8.6" x 28.1"	68 lb (30.9 kg)
FD 750 A M	750 ft <sup>3</sup> (21.2 m <sup>3</sup> )	8.6" x 28.1"	71 lb (32.3 kg)
FD 800 A M	800 ft <sup>3</sup> (22.7 m <sup>3</sup> )	8.6" x 28.1"	73 lb (33.2 kg)
FD 850 A M	850 ft <sup>3</sup> (24.1 m <sup>3</sup> )	8.6" x 28.1"	79 lb (35.9 kg)
FD 900 A M	900 ft <sup>3</sup> (25.5 m <sup>3</sup> )	8.6" x 28.1"	81 lb (36.8 kg)
FD 950 A M	950 ft <sup>3</sup> (26.9 m <sup>3</sup> )	8.6" x 28.1"	83 lb (37.7 kg)
FD 1000 A M	1000 ft <sup>3</sup> (28.3 m <sup>3</sup> )	8.6" x 28.1"	85 lb (38.6 kg)
FD 1050 M	1050 ft <sup>3</sup> (29.8 m <sup>3</sup> )	16.3" x 30"	106 lb (48.2 kg)
FD 1100 M	1100 ft <sup>3</sup> (31.3 m <sup>3</sup> )	16.3" x 30"	108 lb (49.1 kg)
FD 1150 M	1150 ft <sup>3</sup> (32.6 m <sup>3</sup> )	16.3" x 30"	111 lb (50.5 kg)
FD 1200 M	1200 ft <sup>3</sup> (34.0 m <sup>3</sup> )	16.3" x 30"	113 lb (51.4 kg)
FD 1250 M	1250 ft <sup>3</sup> (35.4 m <sup>3</sup> )	16.3" x 30"	118 lb (53.6 kg)
FD 1300 M	1300 ft <sup>3</sup> (36.8 m <sup>3</sup> )	16.3" x 30"	120 lb (54.5 kg)
FD 1350 M	1350 ft <sup>3</sup> (38.8 m <sup>3</sup> )	16.3" x 30"	122 lb (55.5 kg)
FD 1400 M	1400 ft <sup>3</sup> (39.6 m <sup>3</sup> )	16.3" x 30"	124 lb (56.4 kg)
FD 1450 M	1450 ft <sup>3</sup> (41.1 m <sup>3</sup> )	16.3" x 30"	126 lb (57.3 kg)
FD 1500 M	1500 ft <sup>3</sup> (42.5 m <sup>3</sup> )	16.3" x 30"	128 lb (58.2 kg)



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