

# SEA-FIRE

YOUR ONBOARD SAFE CHOICE

## WORLD LEADER IN MARINE FIRE SUPPRESSION TECHNOLOGY **FT STINGER SERIES**

### PROTECTS SPACES:

25 cu ft (.71 cu m)  
up to  
150 cu ft (4.2 cu m)

### ACTIVATION TEMP:

175°F (79°C)



Tubing ruptures forming a  
"nozzle" to dispense the  
suppressing agent

**MADE IN THE U.S.A.**

## **FM-200®**

**SEA-FIRE MARINE**  
9331-A Philadelphia Rd.  
Baltimore, MD 21237 USA  
PH: +1(410) 687-5500  
FX: +1(410) 687-5503  
info@sea-fire.com

Applications include:

- **SMALL GENERATOR SET ENCLOSURES** •
- **ALTERNATIVE FUEL STORAGE AREAS** •
- **SMALL ELECTRICAL ENCLOSURES** •
- **BOW THRUSTERS** •



**SEA-FIRE FM-200® Stinger FT Automatic Fire Suppression Systems** are pre-engineered and designed for ease of installation in highly complex applications. The systems are self-activating, require very little maintenance and provide a cost effective solution for applications including marine, recreational vehicles, and commercial and industrial use where flammable liquids are likely the source. Stinger FT Series require no external power so they are not sensitive to power failures or shut downs. The Stinger FT Series is ideal for small volumes, 150 cu ft (4.2 cu m) or less.

The direct low-pressure system utilizes the tubing as both the detecting device and agent delivery system. When temperatures go beyond 175°F (79°C), the portion of the tubing nearest the hottest part of the flame will rupture forming a mini discharge nozzle. In a fire condition, the agent is released via the small nozzle and the system continues to discharge the agent until the entire contents of the cylinder is expended.

Visit our website

**[WWW.SEA-FIRE.COM](http://WWW.SEA-FIRE.COM)**



# SEA-FIRE

YOUR ONBOARD SAFE CHOICE

WORLD LEADER IN  
MARINE FIRE SUPPRESSION TECHNOLOGY

## FT STINGER SERIES



### APPROVALS/ CERTIFICATIONS:

- **CE (PED)**  
(Certified European)
- **FM**  
(Factory Mutual Global)
- **USCG**  
(United States Coast Guard)

### OPERATING PRESSURE:

240 PSI at 70°F (21.1°C)

### AUTOMATIC SYSTEMS:

All SEA-FIRE STINGER fire suppression systems are activated automatically via heat activation only.

### REFILL/RECHARGE:

All SEA-FIRE STINGER fire suppression systems are non-refillable. Contact SEA-FIRE direct or an authorized dealer for details on the customer replacement program.

Distributed by:



| MODEL NUMBER | LENGTH OF TUBE | UNIT (Diameter x Height)     | VOLUME OF PROTECTION                      |
|--------------|----------------|------------------------------|-------------------------------------------|
| FT 25 A      | 10 FT (3.05 M) | 3.0" x 15.25" (78mm x 343mm) | 25 FT <sup>3</sup> (0.7 M <sup>3</sup> )  |
| FT 50 A      | 10 FT (3.05 M) | 3.1" x 20.50" (78mm x 432mm) | 50 FT <sup>3</sup> (1.4 M <sup>3</sup> )  |
| FT 75 A      | 10 FT (3.05 M) | 3.5" x 21.50" (89mm x 432mm) | 75 FT <sup>3</sup> (2.1 M <sup>3</sup> )  |
| FT 100 A     | 15 FT (4.57 M) | 4.1" x 21.0" (104mm x 432mm) | 100 FT <sup>3</sup> (2.8 M <sup>3</sup> ) |
| FT 125 A     | 15 FT (4.57 M) | 5.1" x 23.0" (130mm x 457mm) | 125 FT <sup>3</sup> (3.5 M <sup>3</sup> ) |
| FT 150 A     | 15 FT (4.57 M) | 5.1" x 23.0" (130mm x 457mm) | 150 FT <sup>3</sup> (4.2 M <sup>3</sup> ) |

### SELECTING THE PROPER SUPPRESSION SYSTEM FOR YOUR HAZARD:

1. Determine the volume of the enclosure in cubic feet or cubic meters: measure Length X Width X Height
2. From the SEA-FIRE STINGER specification table select the model that meets or exceeds the calculated volume of the compartment

## APPLICATION

SEA-FIRE STINGER fire suppression systems are designed to protect a specific volume in an enclosed compartment. The systems are ideal for small volumes, 150 cu ft (4.2 cu m) or less, that are difficult to access with pre-engineered systems that can not be placed in the enclosure or are slow to react to small fire conditions due to the nature of the hazard being protected (i.e. electrical chase, wire harnesses, electrical enclosures, and long narrow enclosures). The STINGER is suitable for use from 0°F (-18°C) to 130°F (54°C).

## INSTALLATION

STINGER fire suppression systems are pre-engineered. That means that each model is designed to protect a specific volume of a compartment. As a result, model selection and installation is relatively simple. All systems arrive complete with the following: a sturdy cylinder-mounting bracket, two bulkhead adapters, six tubing mounting brackets and an easy to follow installation manual.

## LOW PRESSURE SWITCH

All STINGER fire suppression systems are equipped with a low-pressure switch. The switch is activated when the pressure in the cylinder drops below 200 PSI. The pressure switch serves a dual purpose:

1. If the system develops a slow leak, it will inform the owner of that leak.
2. If the system discharges due to a fire condition, the owner is also notified.

Visit our website

**WWW.SEA-FIRE.COM**