

# SEA-FIRE

YOUR ONBOARD SAFE CHOICE

WORLD LEADER IN  
MARINE FIRE SUPPRESSION TECHNOLOGY

## FD & FG SERIES

Applications include:

- ELECTRICAL CONTROL ROOM •
- MACHINERY COMPARTMENT •
- ENGINE COMPARTMENT •
- GENERATOR AREA •
- PAINT LOCKERS •
- LAZARETTE •

### PROTECTS SPACES:

25 cu ft (0.7 cu m)  
up to  
1500 cu ft (42.5 cu m)

### ACTIVATION TEMP:

FG 25-75 at 200°F (93°C)

FG 100-240 at 175°F (79°C)

FD 150-1500 at 175°F (79°C)

### NOTE:

Diesel Engine Craft will be required to install an Engine Shutdown System.

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



## FM-200®

### SEA-FIRE MARINE

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**SEA-FIRE FM-200® FD & FG Fire Suppression Systems** are pre-engineered and designed to protect enclosed compartments. All FD & FG systems operate automatically through heat activation. Discharge will occur when the sensor valve temperature rises to the system activation point as shown on the label attached to each unit. Systems with a manual ("M") designation contain a manual capability feature. This provides the boat operator with the option of pulling a discharge cable which activates the fire system. SEA-FIRE FM-200® FD & FG extinguishing systems are designed to induce minimum atmospheric concentration of 8.7% within the protected compartment.

SEA-FIRE FD & FG series extinguishers are equipped with a factory installed pressure switch which is intended for cylinder pressure supervision and may also be used to control other electrical functions (engine shutdown, air exchange equipment, etc.).

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## WORLD LEADER IN MARINE FIRE SUPPRESSION TECHNOLOGY

### FD & FG SERIES



#### APPROVALS/ CERTIFICATIONS:

- **Australia**  
(National Marine Safety Committee)
- **CE (PED and/or TPED)**  
(Certified European)
- **DNV**  
(Det Norske Veritas)
- **FM**  
(Factory Mutual Global)
- **GL**  
(Germanischer Lloyd)
- **HKFSD**  
(Hong Kong Fire Services Department)
- **Maritime New Zealand**
- **RINA**  
(Registro Italiano Navale)
- **SAMSA**  
(South African Maritime Safety Authority)
- **TC**  
(Transport Canada)
- **USCG**  
(United States Coast Guard)
- **U.S. DOT**  
(United States Department of Transportation)

#### READY TO INSTALL:

Each FD & FG system comes complete with marine approved brackets, face plate, and installation manual. All items are included in shipment.

#### RECHARGE/REFILL:

All FG fire suppression systems are non-refillable. FD models are factory refillable.

Distributed by:

MODEL NUMBER	VOLUME OF PROTECTION	UNIT (Diameter x Height)	SHIP WEIGHT
FD 150 A M	150 FT <sup>3</sup> (4.2 M <sup>3</sup> )	5.2" x 18.75" (132mm x 476mm)	15.7 lbs (7.1 kg)
FD 175 A M	175 FT <sup>3</sup> (5.0 M <sup>3</sup> )	5.2" x 18.75" (132mm x 476mm)	16.8 lbs (7.6 kg)
FD 200 A M	200 FT <sup>3</sup> (5.7 M <sup>3</sup> )	5.2" x 18.75" (132mm x 476mm)	17.9 lbs (8.1 kg)
FD 225 A M	225 FT <sup>3</sup> (6.4 M <sup>3</sup> )	5.2" x 18.75" (132mm x 476mm)	18.9 lbs (8.6 kg)
FD 250 A M	250 FT <sup>3</sup> (7.1 M <sup>3</sup> )	6.9" x 18.25" (175mm x 464mm)	24.5 lbs (11.1 kg)
FD 275 A M	275 FT <sup>3</sup> (7.8 M <sup>3</sup> )	6.9" x 18.25" (175mm x 464mm)	25.6 lbs (11.6 kg)
FD 300 A M	300 FT <sup>3</sup> (8.5 M <sup>3</sup> )	6.9" x 18.25" (175mm x 464mm)	26.6 lbs (12.1 kg)
FD 325 A M	325 FT <sup>3</sup> (9.2 M <sup>3</sup> )	6.9" x 18.25" (175mm x 464mm)	27.7 lbs (12.6 kg)
FD 350 A M	350 FT <sup>3</sup> (9.9 M <sup>3</sup> )	6.9" x 18.25" (175mm x 464mm)	28.8 lbs (13.1 kg)
FD 400 A M	400 FT <sup>3</sup> (11.3 M <sup>3</sup> )	6.9" x 23.0" (175mm x 584mm)	35.5 lbs (16.1 kg)
FD 450 A M	450 FT <sup>3</sup> (12.7 M <sup>3</sup> )	6.9" x 23.0" (175mm x 584mm)	37.7 lbs (17.1 kg)
FD 500 A M	500 FT <sup>3</sup> (14.2 M <sup>3</sup> )	6.9" x 23.0" (175mm x 584mm)	39.8 lbs (18.1 kg)
FD 550 A M	550 FT <sup>3</sup> (15.6 M <sup>3</sup> )	6.9" x 26.75" (175mm x 679mm)	55.2 lbs (25.1 kg)
FD 600 A M	600 FT <sup>3</sup> (17.0 M <sup>3</sup> )	6.9" x 26.75" (175mm x 679mm)	57.4 lbs (26.1 kg)
FD 650 A M	650 FT <sup>3</sup> (18.4 M <sup>3</sup> )	8.0" x 27.5" (203mm x 699mm)	59.6 lbs (27.1 kg)
FD 700 A M	700 FT <sup>3</sup> (19.8 M <sup>3</sup> )	8.0" x 27.5" (203mm x 699mm)	61.7 lbs (28.1 kg)
FD 750 A M	750 FT <sup>3</sup> (21.2 M <sup>3</sup> )	8.0" x 27.5" (203mm x 699mm)	63.9 lbs (29.0 kg)
FD 800 A M	800 FT <sup>3</sup> (22.7 M <sup>3</sup> )	8.0" x 27.5" (203mm x 699mm)	66.0 lbs (30.0 kg)
FD 850 A M	850 FT <sup>3</sup> (24.1 M <sup>3</sup> )	8.0" x 32.25" (203mm x 819mm)	72.0 lbs (32.7 kg)
FD 900 A M	900 FT <sup>3</sup> (25.5 M <sup>3</sup> )	8.0" x 32.25" (203mm x 819mm)	74.1 lbs (33.7 kg)
FD 950 A M	950 FT <sup>3</sup> (26.9 M <sup>3</sup> )	8.0" x 32.25" (203mm x 819mm)	76.4 lbs (34.7 kg)
FD 1000 A M	1000 FT <sup>3</sup> (28.3 M <sup>3</sup> )	8.0" x 32.25" (203mm x 819mm)	78.5 lbs (35.7 kg)
FD 1050 M	1050 FT <sup>3</sup> (29.8 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	107.0 lbs (48.5 kg)
FD 1100 M	1100 FT <sup>3</sup> (31.3 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	109.1 lbs (49.5 kg)
FD 1150 M	1150 FT <sup>3</sup> (32.6 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	111.3 lbs (50.5 kg)
FD 1200 M	1200 FT <sup>3</sup> (34.0 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	113.5 lbs (51.5 kg)
FD 1250 M	1250 FT <sup>3</sup> (35.4 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	115.6 lbs (52.4 kg)
FD 1300 M	1300 FT <sup>3</sup> (36.8 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	117.8 lbs (53.4 kg)
FD 1350 M	1350 FT <sup>3</sup> (38.2 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	120.0 lbs (54.4 kg)
FD 1400 M	1400 FT <sup>3</sup> (39.6 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	122.1 lbs (55.4 kg)
FD 1450 M	1450 FT <sup>3</sup> (41.1 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	124.3 lbs (56.4 kg)
FD 1500 M	1500 FT <sup>3</sup> (42.5 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	126.5 lbs (57.4 kg)
FG 25 A M	25 FT <sup>3</sup> (0.7 M <sup>3</sup> )	2.5" x 9.0" (64mm x 229mm)	2.6 lbs (1.2 kg)
FG 50 A M	50 FT <sup>3</sup> (1.4 M <sup>3</sup> )	3.1" x 12.0" (79mm x 305mm)	5.4 lbs (2.5 kg)
FG 75 A M	75 FT <sup>3</sup> (2.1 M <sup>3</sup> )	3.1" x 15.0" (79mm x 381mm)	6.8 lbs (3.1 kg)
FG 100 A M	100 FT <sup>3</sup> (2.8 M <sup>3</sup> )	3.5" x 15.0" (89mm x 381mm)	9.2 lbs (4.2 kg)
FG 125 A M	125 FT <sup>3</sup> (3.5 M <sup>3</sup> )	4.1" x 16.0" (104mm x 406mm)	11.0 lbs (5.0 kg)
FG 150 A M	150 FT <sup>3</sup> (4.2 M <sup>3</sup> )	5.1" x 16.0" (130mm x 406mm)	12.7 lbs (5.8 kg)
FG 175 A M	175 FT <sup>3</sup> (5.0 M <sup>3</sup> )	5.1" x 16.0" (130mm x 406mm)	15.7 lbs (7.1 kg)
FG 200 A M	200 FT <sup>3</sup> (5.7 M <sup>3</sup> )	5.1" x 16.0" (130mm x 406mm)	16.8 lbs (7.6 kg)
FG 225 A M	225 FT <sup>3</sup> (6.4 M <sup>3</sup> )	5.1" x 16.0" (130mm x 406mm)	18.2 lbs (8.3 kg)
FG 240 A M	240 FT <sup>3</sup> (6.8 M <sup>3</sup> )	5.1" x 16.0" (130mm x 406mm)	18.8 lbs (8.5 kg)

Note: "A" - AUTOMATIC - activated automatically only

"M" - MANUAL/AUTOMATIC - activated automatically or by manual pull cable

#### VERTICAL AND HORIZONTAL MOUNTING

- ALL FG models are approved for vertical or horizontal mounting
- FD 150 - FD 1000 models are approved for vertical or horizontal mounting
- FD 1050 - FD 1500 models must be installed VERTICAL ONLY

#### 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 (LxWxH) taking into consideration the curvature of the hull.
2. Select an automatic ("A") or manual/automatic ("M") model from the table that meets or exceeds the calculated volume of the engine compartment.

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