

# SEA-FIRE

YOUR ONBOARD SAFE CHOICE

WORLD LEADER IN  
MARINE FIRE SUPPRESSION TECHNOLOGY

## MD & MG SERIES

### PROTECTS SPACES:

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

### MANUAL ONLY

MD & MG Series require a discharge cable assembly which is sold separately

### NOTE:

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

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

Applications include:

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



**SEA-FIRE FM-200® MD & MG Manual ONLY Fire Suppression Systems** are pre-engineered and designed to protect enclosed compartments. All MD & MG systems are manually actuated by a pull cable. Upon discharge, the extinguishing agent (FM-200®) floods the compartment with an electrically nonconductive, noncorrosive vapor that stops the combustion process through both physical and chemical means. FM-200® removes heat energy from the fire to the extent that the combustion reaction cannot sustain itself.

SEA-FIRE MD & MG 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.).

## FM-200®

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## WORLD LEADER IN MARINE FIRE SUPPRESSION TECHNOLOGY

### MD & MG SERIES



#### APPROVALS/ CERTIFICATIONS:

- **Australia**  
(National Marine Safety Committee)
- **CE (PED and/or TPED)**
- **FM**  
(Factory Mutual Global)
- **GL**  
(Germanischer Lloyd)
- **IMCI**  
(International Marine Certification Institute)
- **Maritime New Zealand**
- **TC**  
(Transport Canada)

#### READY TO INSTALL:

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

#### RECHARGE/REFILL:

All MG fire suppression systems are non-refillable. All MD models are factory refillable.

Distributed by:

MODEL NUMBER	VOLUME OF PROTECTION	UNIT (Diameter x Height)	SHIP WEIGHT
MD 150 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)
MD 175 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)
MD 200 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)
MD 225 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)
MD 250 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)
MD 275 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)
MD 300 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)
MD 325 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)
MD 350 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)
MD 400 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)
MD 450 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)
MD 500 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)
MD 550 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)
MD 600 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)
MD 650 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)
MD 700 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)
MD 750 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)
MD 800 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)
MD 850 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)
MD 900 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)
MD 950 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)
MD 1000 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)
MD 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)
MD 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)
MD 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)
MD 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)
MD 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)
MD 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)
MD 1350 M	1350 FT <sup>3</sup> (38.8 M <sup>3</sup> )	10.0" x 26.0" (254mm x 660mm)	120.0 lbs (54.4 kg)
MD 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)
MD 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)
MD 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)
MG 25 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)
MG 50 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)
MG 75 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)
MG 100 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)
MG 125 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)
MG 150 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)
MG 175 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)
MG 200 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)
MG 225 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)
MG 240 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)

#### VERTICAL AND HORIZONTAL MOUNTING

- ALL MG models are approved for vertical or horizontal mounting
- MD 150 - MD 1000 models are approved for vertical or horizontal mounting
- MD 1050 - MD 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 the model from the table that meets or exceeds the calculated volume of the engine compartment.

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