



**YOUR ONBOARD SAFE CHOICE**

**WORLD LEADER IN  
FIRE SUPPRESSION TECHNOLOGY**

**NOVEC™ 1230 NMD & NMG SERIES**

**PROTECTS SPACES:**

25 cu ft (0.7 cu m)  
up to  
1800 cu ft (51 cu m)

**Manual Only**

NMD and NMG Series  
requires a discharge  
cable assembly  
(sold separately)

**Note:**

Diesel Operated Machinery  
will be required to install an  
Engine Shutdown system.

**3M**  
Novec™ 1230

**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

**SEA-FIRE EUROPE LTD**

(Master Distributor Europe)  
Unit 2 Discovery  
Voyager Park  
Portfield Road  
Portsmouth PO3 5FN UK  
PH: +44 (0) 2392 679666  
FX: +44 (0) 2392 667014  
info@sea-fire.co.uk

Applications include:

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



SEA-FIRE Novec™ 1230 NMD & NMG Fire Suppression Systems are pre-engineered and designed to protect enclosed compartments. All NMD & NMG systems are manually actuated by pull cable. Upon discharge, the extinguishing agent (Novec™ 1230) floods the compartment with an electrically non conductive, noncorrosive vapor that stops the combustion process by physical means. Novec™ 1230 removes heat energy from the fire to the extent that the combustion reaction cannot sustain itself. SEA-FIRE Novec™ 1230 NMD & NMG extinguishing systems are designed to induce minimum atmospheric concentration of 5.85% within the protected compartment.

SEA-FIRE NMD & NMG 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.).

Visit our Website

**WWW.SEA-FIRE.COM**



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**APPROVALS/  
CERTIFICATIONS:**

- **FM**  
(Factory Mutual Global)
- **TC**  
(Transport Canada)
- **MCA**  
(Maritime Coastguard Agency)

**READY TO INSTALL:**

Each NMD & NMG comes complete with marine approved brackets, face plate and installation manual. All items included in shipment.

**RECHARGE / REFILL:**

All NMD fire suppression systems are factory refillable. NMG models are non-refillable.

**VERTICAL AND HORIZONTAL MOUNTING**

NMG 25 to NMG 200 - Vertical and Horizontal mounting  
 NMD 225 to NMD 825 - Vertical and Horizontal mounting  
 NMD 850 to NMD 1800 - Vertical mounting 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 any curvature.
2. Select the manual model from the table that meets or exceeds the calculated volume of the engine compartment.

MODEL NUMBER	VOLUME OF PROTECTION	UNIT (Diameter x Height)	SHIP WEIGHT
NMG 25 M	25 cu ft (0.7 cu m)	5.0" X 12.7"	7.04 lbs (3.20 kg)
NMG 50 M	50 cu ft (1.4 cu m)	5.0" X 18.8"	9.79 lbs (4.45 kg)
NMG 75 M	75 cu ft (2.1 cu m)	5.0" X 18.8"	11.13 lbs (5.06 kg)
NMG 100 M	100 cu ft (2.8 cu m)	5.2" X 19.0"	12.93 lbs (5.88 kg)
NMG 125 M	125 cu ft (3.5 cu m)	5.7" X 20.6"	16.09 lbs (7.31 kg)
NMG 150 M	150 cu ft (4.2 cu m)	5.7" X 20.6"	17.44 lbs (7.93 kg)
NMG 175 M	175 cu ft (5.0 cu m)	5.7" X 20.6"	18.78 lbs (8.54 kg)
NMG 200 M	200 cu ft (5.7 cu m)	5.7" X 20.6"	20.12 lbs (9.15 kg)
NMD 225 M	225 cu ft (6.4 cu m)	8.0" X 20.1"	44.81 lbs (20.37 kg)
NMD 250 M	250 cu ft (7.1 cu m)	8.0" X 20.1"	46.16 lbs (20.98 kg)
NMD 275 M	275 cu ft (7.8 cu m)	8.0" X 20.1"	47.50 lbs (21.59 kg)
NMD 300 M	300 cu ft (8.5 cu m)	8.0" X 20.1"	48.84 lbs (22.20 kg)
NMD 325 M	325 cu ft (9.2 cu m)	8.0" X 24.7"	58.59 lbs (26.63 kg)
NMD 350 M	350 cu ft (9.9 cu m)	8.0" X 24.7"	59.94 lbs (27.25 kg)
NMD 375 M	375 cu ft (10.6 cu m)	8.0" X 24.7"	61.28 lbs (27.85 kg)
NMD 400 M	400 cu ft (11.3 cu m)	8.0" X 24.7"	62.62 lbs (28.46 kg)
NMD 425 M	425 cu ft (12.0 cu m)	8.0" X 28.7"	70.54 lbs (32.06 kg)
NMD 450 M	450 cu ft (12.7 cu m)	8.0" X 28.7"	71.89 lbs (32.68 kg)
NMD 475 M	475 cu ft (13.4 cu m)	8.0" X 28.7"	72.69 lbs (33.04 kg)
NMD 500 M	500 cu ft (14.2 cu m)	8.0" X 28.7"	74.57 lbs (33.90 kg)
NMD 525 M	525 cu ft (14.9 cu m)	8.0" X 28.7"	75.91 lbs (34.50 kg)
NMD 550 M	550 cu ft (15.6 cu m)	9.0" X 29.0"	103.30 lbs (46.95 kg)
NMD 575 M	575 cu ft (16.3 cu m)	9.0" X 29.0"	104.64 lbs (47.56 kg)
NMD 600 M	600 cu ft (17.0 cu m)	9.0" X 29.0"	105.98 lbs (48.17 kg)
NMD 625 M	625 cu ft (17.7 cu m)	9.0" X 29.0"	107.32 lbs (48.78 kg)
NMD 650 M	650 cu ft (18.4 cu m)	9.0" X 29.0"	108.67 lbs (49.40 kg)
NMD 675 M	675 cu ft (19.1 cu m)	9.0" X 29.0"	110.01 lbs (50.00 kg)
NMD 700 M	700 cu ft (19.8 cu m)	9.0" X 33.8"	148.09 lbs (67.31 kg)
NMD 725 M	725 cu ft (20.5 cu m)	9.0" X 33.8"	149.43 lbs (67.92 kg)
NMD 750 M	750 cu ft (21.2 cu m)	9.0" X 33.8"	150.78 lbs (68.54 kg)
NMD 775 M	775 cu ft (21.9 cu m)	9.0" X 33.8"	152.12 lbs (69.15 kg)
NMD 800 M	800 cu ft (22.7 cu m)	9.0" X 33.8"	153.48 lbs (69.76 kg)
NMD 825 M	825 cu ft (23.4 cu m)	9.0" X 33.8"	154.80 lbs (70.36 kg)
NMD 850 M	850 cu ft (24.1 cu m)	16.5" X 30.7"	111.45 lbs (50.66 kg)
NMD 875 M	875 cu ft (24.8 cu m)	16.5" X 30.7"	112.79 lbs (51.27 kg)
NMD 900 M	900 cu ft (25.5 cu m)	16.5" X 30.7"	114.13 lbs (51.88 kg)
NMD 925 M	925 cu ft (26.2 cu m)	16.5" X 30.7"	115.47 lbs (52.49 kg)
NMD 950 M	950 cu ft (26.9 cu m)	16.5" X 30.7"	116.82 lbs (53.10 kg)
NMD 975 M	975 cu ft (27.6 cu m)	16.5" X 30.7"	118.16 lbs (53.71 kg)
NMD 1000 M	1000 cu ft (28.3 cu m)	16.5" X 30.7"	119.50 lbs (54.32 kg)
NMD 1025 M	1025 cu ft (29.0 cu m)	16.5" X 30.7"	120.84 lbs (54.93 kg)
NMD 1050 M	1050 cu ft (29.7 cu m)	16.5" X 30.7"	122.19 lbs (55.54 kg)
NMD 1075 M	1075 cu ft (30.4 cu m)	16.5" X 30.7"	123.53 lbs (56.15 kg)
NMD 1100 M	1100 cu ft (31.1 cu m)	16.5" X 30.7"	124.87 lbs (56.76 kg)
NMD 1125 M	1125 cu ft (31.9 cu m)	16.5" X 30.7"	126.21 lbs (57.37 kg)
NMD 1150 M	1150 cu ft (32.6 cu m)	16.5" X 30.7"	127.56 lbs (57.98 kg)
NMD 1175 M	1175 cu ft (33.3 cu m)	16.5" X 30.7"	128.90 lbs (58.59 kg)
NMD 1200 M	1200 cu ft (34.0 cu m)	16.5" X 30.7"	130.24 lbs (59.20 kg)
NMD 1225 M	1225 cu ft (34.7 cu m)	16.5" X 30.7"	131.58 lbs (59.81 kg)
NMD 1250 M	1250 cu ft (35.4 cu m)	16.5" X 30.7"	132.93 lbs (60.42 kg)
NMD 1275 M	1275 cu ft (36.1 cu m)	16.5" X 39.9"	182.67 lbs (83.03 kg)
NMD 1300 M	1300 cu ft (36.8 cu m)	16.5" X 39.9"	184.01 lbs (83.64 kg)
NMD 1325 M	1325 cu ft (37.5 cu m)	16.5" X 39.9"	185.35 lbs (84.25 kg)
NMD 1350 M	1350 cu ft (38.2 cu m)	16.5" X 39.9"	186.70 lbs (84.86 kg)
NMD 1375 M	1375 cu ft (38.9 cu m)	16.5" X 39.9"	188.04 lbs (85.47 kg)
NMD 1400 M	1400 cu ft (39.6 cu m)	16.5" X 39.9"	189.38 lbs (86.08 kg)
NMD 1425 M	1425 cu ft (40.3 cu m)	16.5" X 39.9"	190.72 lbs (86.69 kg)
NMD 1450 M	1450 cu ft (41.1 cu m)	16.5" X 39.9"	192.07 lbs (87.30 kg)
NMD 1475 M	1475 cu ft (41.8 cu m)	16.5" X 39.9"	193.41 lbs (87.91 kg)
NMD 1500 M	1500 cu ft (42.5 cu m)	16.5" X 39.9"	195.23 lbs (88.74 kg)
NMD 1525 M	1525 cu ft (43.2 cu m)	16.5" X 39.9"	196.09 lbs (89.13 kg)
NMD 1550 M	1550 cu ft (43.9 cu m)	16.5" X 39.9"	197.44 lbs (89.75 kg)
NMD 1575 M	1575 cu ft (44.6 cu m)	16.5" X 39.9"	198.78 lbs (90.35 kg)
NMD 1600 M	1600 cu ft (45.3 cu m)	16.5" X 39.9"	200.12 lbs (90.96 kg)
NMD 1625 M	1625 cu ft (46.0 cu m)	16.5" X 39.9"	201.46 lbs (91.57 kg)
NMD 1650 M	1650 cu ft (46.7 cu m)	16.5" X 39.9"	202.81 lbs (92.19 kg)
NMD 1675 M	1675 cu ft (47.4 cu m)	16.5" X 39.9"	204.15 lbs (92.80 kg)
NMD 1700 M	1700 cu ft (48.1 cu m)	16.5" X 39.9"	205.49 lbs (93.40 kg)
NMD 1725 M	1725 cu ft (48.8 cu m)	16.5" X 39.9"	206.83 lbs (94.01 kg)
NMD 1750 M	1750 cu ft (49.6 cu m)	16.5" X 39.9"	208.18 lbs (94.63 kg)
NMD 1775 M	1775 cu ft (50.3 cu m)	16.5" X 39.9"	209.52 lbs (95.24 kg)
NMD 1800 M	1800 cu ft (51.0 cu m)	16.5" X 39.9"	210.86 lbs (95.85 kg)

Note: "M" - MANUAL - activated by manual pull cable

