

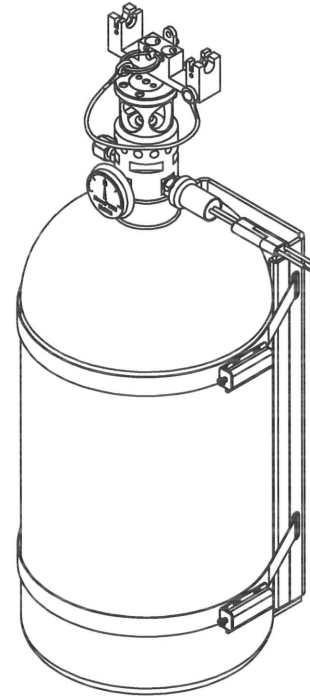
SEA-FIRE DATA SHEET

520-097

MODEL RANGE - NMD201- NMD300

Mechanical Characteristics

- Agent: 3M™ Novec™ 1230
- Cylinder capacity: 380 cu in, 6.23 l
- Operating pressure: 500 psig @ 70°F, 34.5 bar @ 21°C
- Pressure switch: electrical contact closed under pressure, opens upon discharge @ 385 psi, 26.5 bar
- Cylinder specification: DOT 3AL/1000, TC 3ALM69
- Pressure gauge (visual indication of pressure in cylinder)
- System status indicator light included with each system (12 V DC standard)
- Instruction manual included with each system (123-331)
- Manifold: CDA 360 brass with corrosion inhibitor applied
- Manual cable activation (Bi-directional) required, must order separately
- Pressure relief assembly: 975 psi, 67.2 bar



TARE WEIGHTS	LB	KG
MANUAL	10.8	4.9

Performance Characteristics

- Actuation temperature: None
- Discharge duration: less than 10 seconds
- Design concentration: 5.85%
- Safety factor: 30%
- Operating temperature range: 20°F-130°F, -7°C-54°C

Installation Data

- Bracket assy: 130-251
- Mounting: horizontal or vertical
- Mounting holes: 4X Ø0.39", 1.75" by 8" rectangular pattern

Installation Requirements	(IN) Width	(IN) Height	(IN) Depth	(MM) Width	(MM) Height	(MM) Depth
Manual	8.0	20.1	8.0	203	511	203

Approvals

FM 3040508, TC

Compliance To:

NFPA 2001, ABYC, Marine ISO-8846, UL2166, FM 5600, 46 CFR

Options

- Pressure switch connector: Delphi (Weather-Pack) male connector, Deutsch (DTP) male connector, Delphi (Weather-Pack) assembly with wire leads
- System status indicator light: 12VDC std, 24VDC optional

Shipping Data

- Shipping name: Compressed Gas, n.o.s. (nitrogen and flourinated keytone mixture), UN 1956
- Case pack qty: Single

MODEL	NMD 225	NMD 250	NMD 275	NMD 300
(Lb) Agent Weight	12.08	13.43	14.77	16.11
(Kg) Agent Weight	5.49	6.10	6.71	7.32
(Lb) Filled Weight No Bkt	23.10	24.45	25.79	27.13
(Kg) Filled Wgt No Bkt	10.50	11.11	11.72	12.33
(Lb) Inst Wgt W/ Bkt	26.80	28.15	29.49	30.83
(Kg) Inst Wgt W/ Bkt	12.18	12.80	13.40	14.01
(Lb) Shipping Weight	31.30	32.65	33.99	35.33
(Kg) Shipping Wgt	14.23	14.84	15.45	16.06

9331-A PHILADELPHIA ROAD BALTIMORE, MD 21237 U.S.A. www.sea-fire.com	PHONE (410) 687-5500 FAX (410) 687-5503	DOCUMENT DISTRIBUTION <small>THIS DOCUMENT IS INTENDED FOR GENERAL DISTRIBUTION AND MAY BE SHARED FULLY</small>	DATE: 4/30/12 DRAWN BY: J. PIPPIN REVISION: - COMPONENT: CYLINDER ASSEMBLY MANUAL ONLY NMD201 - NMD300 (DOT/TC) SCALE: 1:5 ENGR APPR: <i>OB</i> DATE: 6/1/12
		4.5-6 REV B	PART NO.: 520-097