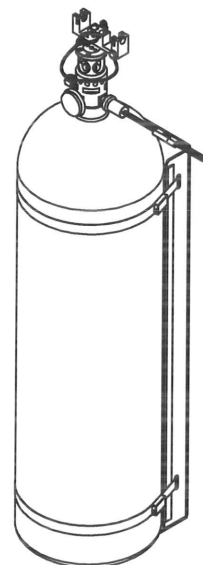


## SEA-FIRE DATA SHEET

MODEL RANGE - NMD676- NMD825

### Mechanical Characteristics

- Agent: 3M™ Novec™ 1230
- Cylinder capacity: 1050 cu in, 17.21 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: ISO 7866, TPED 99/36/EC
- 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



530-193

TARE WEIGHTS	LB	KG
MANUAL	28.4	12.9

### 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: 130-777
- Mounting: horizontal or vertical
- Mounting holes: 6X Ø0.39", 2 columns 4" apart, 3 rows 9.5" apart

Installation Requirements	(IN) Width	(IN) Height	(IN) Depth	(MM) Width	(MM) Height	(MM) Depth
Manual	9.0	33.8	9.4	229	859	239

### Approvals

FM 3040508, CE

### Compliance To:

NFPA 2001, ABYC, Marine ISO-8846, UL2166, FM 5600, 46 CFR, PED 97/23/EC

### 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 fluorinated keytone mixture), UN 1956
- Case pack qty: Single

MODEL	NMD 700	NMD 725	NMD 750	NMD 775	NMD 800	NMD 825
(Lb) Agent Weight	37.59	38.93	40.28	41.62	42.98	44.30
(Kg) Agent Weight	17.09	17.70	18.31	18.92	19.54	20.14
(Lb) Filled Weight No Bkt	66.60	67.94	69.29	70.63	71.99	73.31
(Kg) Filled Wgt No Bkt	30.27	30.88	31.50	32.10	32.72	33.32
(Lb) Inst Wgt W/ Bkt	74.40	75.74	77.09	78.43	79.79	81.11
(Kg) Inst Wgt W/ Bkt	33.82	34.43	35.04	35.65	36.27	36.87
(Lb) Shipping Weight	80.40	81.74	83.09	84.43	85.79	87.11
(Kg) Shipping Wgt	36.55	37.15	37.77	38.38	39.00	39.60



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4.5-6 REV B

COMPONENT: CYLINDER ASSEMBLY  
MANUAL ONLY  
NMD676 - NMD825 (CE)

SCALE: 1:10

ENGR APPR: *DS*

DATE: 6/1/12

DATE: 5/1/12

DRAWN BY: J. PIPPIN

REVISION: -

PART NO.: 530-193