

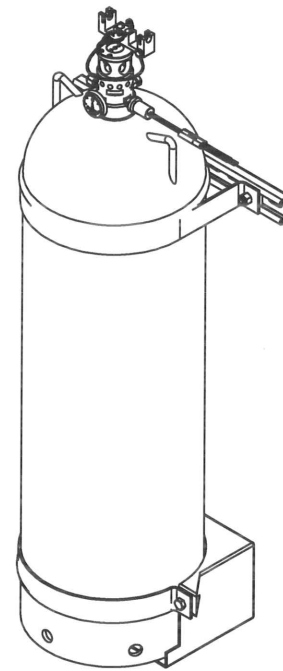
SEA-FIRE DATA SHEET

530-229

MODEL RANGE - NMD1251 - NMD1800

Mechanical Characteristics

- Agent: 3M™ Novec™ 1230
- Cylinder capacity: 2300 cu in, 37.7 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: EN 13322-1, 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



MANUAL/
AUTOMATIC

| | | |
|--------------|------|------|
| TARE WEIGHTS | LB | KG |
| MANUAL | 56.3 | 25.6 |

Performance Characteristics

- Actuation temperature: None
- Discharge duration: less than 10 seconds
- Design concentration: 5.85%
- Safety factor: 30%
- Operating temperature range: 32°F-130°F, 0°C-54°C

Installation Data

- Bracket assy: 130-009
- Mounting: Vertical only
- Reference 130-009 data sheet for appropriate mounting information

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|---------------------------|------------|-------------|------------|------------|-------------|------------|
| Installation Requirements | (IN) Width | (IN) Height | (IN) Depth | (MM) Width | (MM) Height | (MM) Depth |
| Manual | 16.5 | 39.9 | 11.4 | 419 | 1013 | 290 |

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 flourinated keytone mixture), UN 1956
- Case pack qty: Single- must ship on pallet

| MODEL | NMD 1275 | NMD 1300 | NMD 1325 | NMD 1350 | NMD 1375 | NMD 1400 | NMD 1425 | NMD 1450 | NMD 1475 | NMD 1500 | NMD 1525 | NMD 1550 | NMD 1575 | NMD 1600 | NMD 1625 | NMD 1650 | NMD 1675 | NMD 1700 | NMD 1725 | NMD 1750 | NMD 1775 | NMD 1800 |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| (Lb) Agent Wgt | 68.47 | 69.81 | 71.15 | 72.50 | 73.84 | 75.18 | 76.52 | 77.87 | 79.21 | 81.03 | 81.89 | 83.24 | 84.58 | 85.92 | 87.26 | 88.61 | 89.95 | 91.29 | 92.63 | 93.98 | 95.32 | 96.66 |
| (Kg) Agent Wgt | 31.12 | 31.73 | 32.34 | 32.95 | 33.56 | 34.17 | 34.78 | 35.40 | 36.00 | 36.83 | 37.22 | 37.84 | 38.45 | 39.05 | 39.66 | 40.28 | 40.89 | 41.50 | 42.10 | 42.72 | 43.33 | 43.94 |
| (Lb) Filled Wgt No Bkt | 126.13 | 127.47 | 129.41 | 130.16 | 131.49 | 132.83 | 134.17 | 135.52 | 136.86 | 138.68 | 139.54 | 140.88 | 142.22 | 143.56 | 144.90 | 146.25 | 147.59 | 148.92 | 150.26 | 151.61 | 152.95 | 154.29 |
| (Kg) Filled Wgt No Bkt | 57.33 | 57.94 | 58.82 | 59.16 | 59.77 | 60.38 | 60.99 | 61.60 | 62.21 | 63.04 | 63.43 | 64.04 | 64.65 | 65.25 | 65.86 | 66.48 | 67.09 | 67.69 | 68.30 | 68.91 | 69.52 | 70.13 |
| (Lb) Inst Wgt W/ Bkt | 137.73 | 139.07 | 141.01 | 141.76 | 143.09 | 144.43 | 145.77 | 147.12 | 148.46 | 150.28 | 151.14 | 152.48 | 153.82 | 155.16 | 156.50 | 157.85 | 159.19 | 160.52 | 161.86 | 163.21 | 164.55 | 165.89 |
| (Kg) Inst Wgt W/ Bkt | 62.60 | 63.21 | 64.10 | 64.44 | 65.04 | 65.65 | 66.26 | 66.87 | 67.48 | 68.31 | 68.70 | 69.31 | 69.92 | 70.53 | 71.14 | 71.75 | 72.36 | 72.96 | 73.57 | 74.19 | 74.80 | 75.40 |
| (Lb) Shipping Wgt | 147.73 | 149.07 | 151.01 | 151.76 | 153.09 | 154.43 | 155.77 | 157.12 | 158.46 | 160.28 | 161.14 | 162.48 | 163.82 | 165.16 | 166.50 | 167.85 | 169.19 | 170.52 | 171.86 | 173.21 | 174.55 | 175.89 |
| (Kg) Shipping Wgt | 67.15 | 67.76 | 68.64 | 68.98 | 69.59 | 70.20 | 70.80 | 71.42 | 72.03 | 72.85 | 73.25 | 73.85 | 74.46 | 75.07 | 75.68 | 76.30 | 76.90 | 77.51 | 78.12 | 78.73 | 79.34 | 79.95 |

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| | | DRAWN BY: J. PIPPIN |
| SCALE: 1:10 | ENGR APPR: <i>08</i> | REVISION: - |
| DATE: 6/1/12 | PART NO.: 530-229 | |