

# SEA-FIRE DATA SHEET

MODEL RANGE - NFG26- NFG75

**Mechanical Characteristics**

- Agent: Novec 1230
- Cylinder capacity: 105 cu in, 1.72 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 39, TC 39M, CE (PED)
- 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 (123-330)
- Manifold: CDA 360 brass with corrosion inhibitor applied

| TARE WEIGHTS     | LB  | KG  |
|------------------|-----|-----|
| AUTOMATIC        | 2.9 | 1.3 |
| MANUAL/AUTOMATIC | 3.1 | 1.4 |

**Performance Characteristics**

- Actuation temperature: 200°F, 93°C
- 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: 130-775
- Mounting: horizontal or vertical
- Mounting holes: 4X Ø0.39", 1.125" by 7.75" rectangular pattern

| Installation Requirements | (IN) Width | (IN) Height | (IN) Depth | (MM) Width | (MM) Height | (MM) Depth |
|---------------------------|------------|-------------|------------|------------|-------------|------------|
| Automatic                 | 5.0        | 17.5        | 4.9        | 127        | 445         | 124        |
| Manual/Automatic          | 5.0        | 18.8        | 4.9        | 127        | 478         | 124        |

**Approvals**

FM (New), USCG (New), TC, CE (Pending)

**Compliance To:**

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

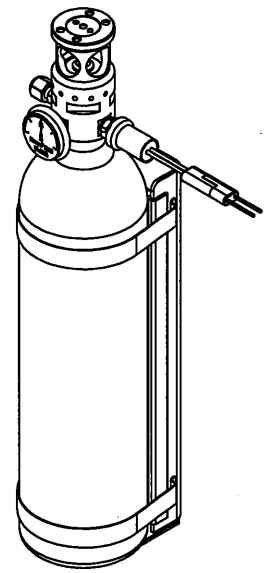
**Options**

- Pressure switch connector: Delphi (Weather-Pack) male connector, Deutsch (DTP) male connector, Delphi (Weather-Pack) assembly with wire leads
- Manual cable activation: Bi-directional
- System status indicator light: 12VDC std, 24VDC optional
- Pressure relief assembly: 975 psi, 67.2 bar

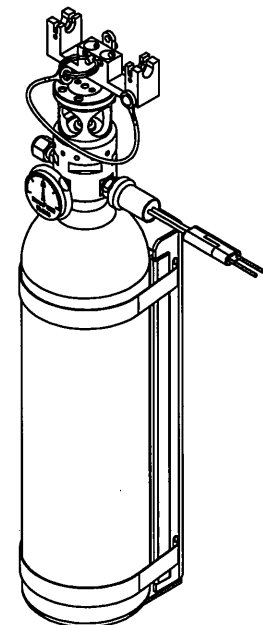
**Shipping Data**

- Shipping name: Compressed Gas, n.o.s. (nitrogen and flourinated keytone mixture), UN 1956
- Case pack qty: 1, 4, 6
- DOT special permit: SP-11598

| MODEL                     | NFG 50 | NFG 75 |
|---------------------------|--------|--------|
| (Lb) Agent Weight         | 2.69   | 4.03   |
| (Kg) Agent Weight         | 1.22   | 1.83   |
| (Lb) Nitrogen Weight      | 0.06   | 0.06   |
| (Kg) Nitrogen Weight      | 0.03   | 0.03   |
| (Lb) Filled Weight No Bkt | 5.85   | 7.19   |
| (Kg) Filled Wgt No Bkt    | 2.66   | 3.27   |
| (Lb) Inst Wgt W/ Bkt      | 7.85   | 9.19   |
| (Kg) Inst Wgt W/ Bkt      | 3.57   | 4.18   |
| (Lb) Shipping Weight      | 9.85   | 11.19  |
| (Kg) Shipping Wgt         | 4.48   | 5.09   |




AUTOMATIC



MANUAL/AUTOMATIC

500-025

|   |  |  |  |                       |                     |
|---|--|--|--|-----------------------|---------------------|
| <br>9331-A PHILADELPHIA ROAD<br>BALTIMORE, MD 21237 U.S.A.<br>www.sea-fire.com | PHONE (410) 687-5500<br>FAX (410) 687-5503 | DOCUMENT DISTRIBUTION<br><small>THIS DOCUMENT IS INTENDED FOR GENERAL DISTRIBUTION AND MAY BE SHARED FULLY</small> | COMPONENT: CYLINDER ASSEMBLY<br>AUTOMATIC & MANUAL/AUTO<br>NFG 26-75 (DOT/TC/CE) | DATE: 11/11/11        |                     |
|   |  | 4.5-6 REV B  | SCALE: 1:5   | ENGR APPR: <i>MZJ</i> | DATE: 11/14/11      |
|   |  |  |  |                       | DRAWN BY: J. PIPPIN |
|   |  |  |  | PART NO.: 500-025     |                     |