

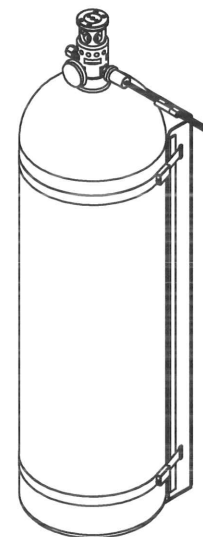
SEA-FIRE DATA SHEET

510-193

MODEL RANGE - NFD676- NFD825

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 (123-330)
- Manifold: CDA 360 brass with corrosion inhibitor applied



AUTOMATIC

TARE WEIGHTS	LB	KG
AUTOMATIC	28.2	12.8
MANUAL/AUTOMATIC	28.4	12.9

Performance Characteristics

- Actuation temperature: 175°F, 79°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: 130-777
- 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
Automatic	9.0	32.5	9.4	229	826	239
Manual/Automatic	9.0	33.8	9.4	229	859	239

Approvals

FM 3040508, CE

Compliance To:

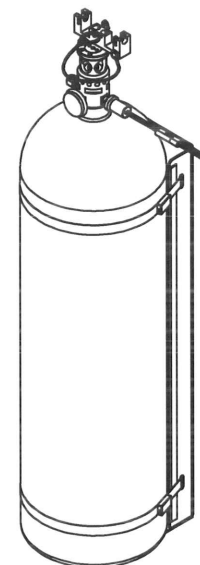
NFPA 2001, ABYC, Marine ISO-8846, UL2166, FM 5600, 46 CFR, PED 97/23/EC

Options

- Pressure switch connector: Delphi (Weather-Pack) male connector, Deutsch (DTP) male connector, Delphi (Weather-Pack) assembly with wire leads
- 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: Single



MANUAL/
AUTOMATIC

MODEL	NFD 700	NFD 725	NFD 750	NFD 775	NFD 800	NFD 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
AUTOMATIC & MANUAL/AUTO
NFD676 - NFD825 (CE)

SCALE: 1:10

ENGR APPR: *[Signature]*

DATE: 5/31/12

DATE: 4/24/12

DRAWN BY: J. PIPPIN

REVISION: B

PART NO.: 510-193