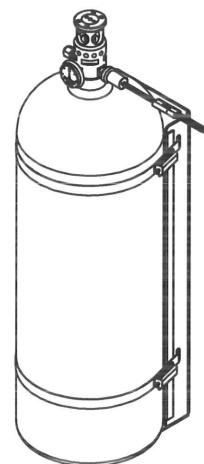


SEA-FIRE DATA SHEET

MODEL RANGE - NFD526- NFD675

Mechanical Characteristics

- Agent: 3M™ Novec™ 1230
- Cylinder capacity: 850 cu in, 13.93 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	24.5	11.1
MANUAL/AUTOMATIC	24.7	11.2

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: 130-254
- Mounting: horizontal or vertical
- Mounting holes: 4X Ø0.39", 4" by 15" rectangular pattern

Installation Requirements	(IN) Width	(IN) Height	(IN) Depth	(MM) Width	(MM) Height	(MM) Depth
Automatic	9.0	27.7	9.4	229	704	239
Manual/Automatic	9.0	29.0	9.4	229	737	239

Approvals

FM 3040508, CE

Compliance To:

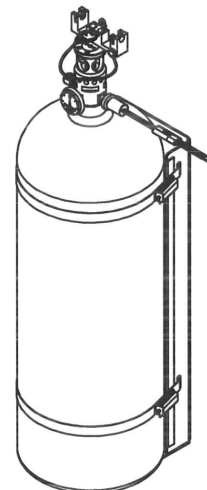
NFPA 2001, ABYC, Marine ISO-8846, UL2166, FM 5600, 46 CFR, PED 97/23/EC

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 550	NFD 575	NFD 600	NFD 625	NFD 650	NFD 675
(Lb) Agent Weight	29.54	30.88	32.22	33.56	34.91	36.25
(Kg) Agent Weight	13.43	14.04	14.65	15.25	15.87	16.48
(Lb) Filled Weight No Bkt	54.74	56.08	57.42	58.75	60.10	61.44
(Kg) Filled Wgt No Bkt	24.88	25.49	26.10	26.70	27.32	27.93
(Lb) Inst Wgt W/ Bkt	62.24	63.58	64.92	66.25	67.60	68.94
(Kg) Inst Wgt W/ Bkt	28.29	28.90	29.51	30.11	30.73	31.34
(Lb) Shipping Weight	67.24	68.58	69.92	71.25	72.60	73.94
(Kg) Shipping Wgt	30.56	31.17	31.78	32.39	33.00	33.61



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4.5-6 REV B

COMPONENT: CYLINDER ASSEMBLY
AUTOMATIC & MANUAL/AUTO
NFD526 - NFD675 (CE)

SCALE: 1:10

ENGR APPR: *[Signature]*

DATE: 5/31/12

DATE: 4/24/12

DRAWN BY: J. PIPPIN

REVISION: B

PART NO.: 510-169

510-169