

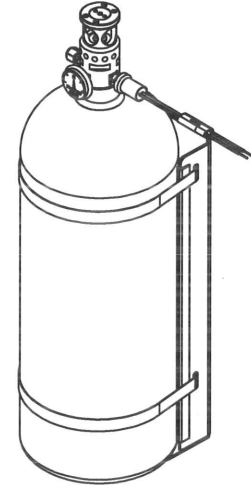
SEA-FIRE DATA SHEET

510-121

MODEL RANGE - NFD301- NFD400

Mechanical Characteristics

- Agent: 3M™ Novec™ 1230
- Cylinder capacity: 520 cu in, 8.52 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	12.6	5.7
MANUAL/AUTOMATIC	12.8	5.8

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: 130-252
- Mounting: horizontal or vertical
- Mounting holes: 4X Ø0.39", 4" by 11.125" rectangular pattern

Installation Requirements	(IN) Width	(IN) Height	(IN) Depth	(MM) Width	(MM) Height	(MM) Depth
Automatic	8.0	23.4	8.0	203	594	203
Manual/Automatic	8.0	24.7	8.0	203	627	203

Approvals

FM 3040508, CE

Compliance To:

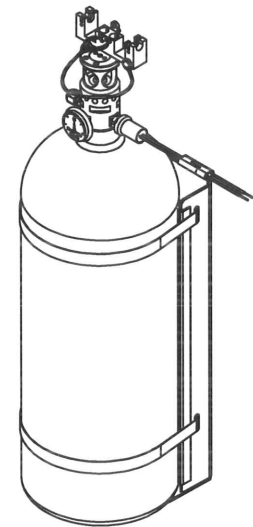
NFPA 2001, ABYC, Marine ISO-8846, UL2166, FM 5600, 46 CFR, PED 97/23/EC

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 325	NFD 350	NFD 375	NFD 400
(Lb) Agent Weight	17.45	18.80	20.14	21.48
(Kg) Agent Weight	7.93	8.55	9.15	9.76
(Lb) Filled Weight No Bkt	30.56	31.90	33.24	34.58
(Kg) Filled Wgt No Bkt	13.89	14.50	15.11	15.72
(Lb) Inst Wgt W/ Bkt	36.76	38.10	39.44	40.78
(Kg) Inst Wgt W/ Bkt	16.71	17.32	17.93	18.54
(Lb) Shipping Weight	41.26	42.60	43.94	45.28
(Kg) Shipping Wgt	18.75	19.36	19.97	20.58

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CYLINDER ASSEMBLY
COMPONENT: AUTOMATIC & MANUAL/AUTO
NFD301 - NFD400 (CE)

DATE: 4/24/12
DRAWN BY: J. PIPPIN
REVISION: C
PART NO.: 510-121

4.5-6 REV B

SCALE: 1:8

ENGR APPR: *08*

DATE: 5/31/12