

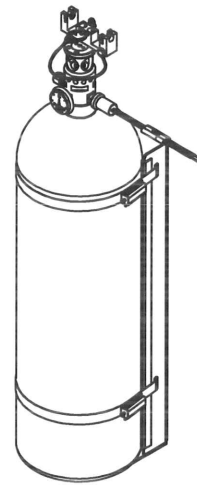
FIRE-HAWK DATA SHEET

570-145

MODEL RANGE - NMD401- NMD525

Mechanical Characteristics

- Agent: 3M™ Novec™ 1230
- Cylinder capacity: 650 cu in, 10.65 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 (123-457)
- Manifold: CDA 360 brass with corrosion inhibitor applied
- Manual cable activation (Bi-directional) required, must order seperately
- Pressure relief assembly: 975 psi, 67.2 bar



TARE WEIGHTS	LB	KG
MANUAL	14.7	6.7

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: 130-253
- 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
Manual	8.0	28.7	8.0	203	729	203

Approvals

FM 3045669, CE

Compliance To:

NFPA 2001, UL2166, FM 5600, 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

MODEL	NMD 425	NMD 450	NMD 475	NMD 500	NMD 525
(Lb) Agent Weight	22.82	24.17	25.51	26.85	28.19
(Kg) Agent Weight	10.37	10.99	11.60	12.20	12.81
(Lb) Filled Weight No Bkt	37.90	39.25	40.59	41.93	43.26
(Kg) Filled Wgt No Bkt	17.23	17.84	18.45	19.06	19.66
(Lb) Inst Wgt W/ Bkt	45.50	46.85	48.19	49.53	50.86
(Kg) Inst Wgt W/ Bkt	20.68	21.30	21.90	22.51	23.12
(Lb) Shipping Weight	50.50	51.85	53.19	54.53	55.86
(Kg) Shipping Wgt	22.95	23.57	24.18	24.79	25.39

 <p>9331-A PHILADELPHIA ROAD BALTIMORE, MD 21237 U.S.A. www.fire-hawksafety.com</p> <p>PHONE (410) 687-5500 FAX (410) 687-5503</p>	<p>DOCUMENT DISTRIBUTION</p> <p><small>THIS DOCUMENT IS INTENDED FOR GENERAL DISTRIBUTION AND MAY BE SHARED FULLY</small></p> <p>4.5-19 REV A</p>	<p>COMPONENT: CYLINDER ASSEMBLY MANUAL ONLY NMD401 - NMD525 (CE)- FIRE-HAWK</p> <p>SCALE: 1:1 ENGR APPR: <i>08</i> DATE: <i>5/31/12</i></p>	<p>DATE: 4/24/12</p> <p>DRAWN BY: J. PIPPIN</p> <p>REVISION: A</p> <p>PART NO.: 570-145</p>
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