

Kidde ECS Fire Suppression System Marine Series Component Description

High Pressure, 1-Inch Nitrogen Discharge Hose
P/N: 06-118207-00X



Effective: June 2014

K-90-9180M

FEATURES

- **1-Inch Flexible Hose with 3/4-Inch Swivel Bell Fitting for Easy Installation**
- **Two Sizes: 14.75 Inches and 18.00 Inches**
- **Part Number Stamped on Hose for Easy Identification**
- **UL Listed for Marine Applications**
- **RoHS Compliant**

DESCRIPTION

The Kidde ECS Systems 1-inch Nitrogen Discharge Hose is used to provide the interconnection between the grooved or plain nut discharge head on the 1040 cu. in. or 2300 cu. in. nitrogen pilot/siren driver used in Marine actuation systems. Made to be flexible, a 3/4-inch swivel bell fitting with a hex nut for attachment to the nitrogen discharge head allows for easy installation. Two sizes of the 1-inch Nitrogen Discharge Hose are available (P/N 06-118207-00X).

INSTALLATION

The 1-inch Nitrogen Discharge Hose must always be connected to the discharge pipe work and to the discharge head before attaching discharge head to the nitrogen cylinder valve, in order to prevent injury in the event of inadvertent nitrogen discharge. Failure to follow these instructions could result in death, serious personal injury and/or property damage.



Apply thread tape or pipe dope to the 3/4-inch male NPT thread of the hose. Connect the 1-inch Nitrogen Discharge Hose to the pipe work using a union or coupling (as required). Take the other end of the hose and attach the 3/4-inch bell fitting to the grooved or plain nut discharge head. Make certain that the hose is not kinked.



MAINTENANCE

MONTHLY:

Inspect 1-inch Nitrogen Discharge Hose for loose fittings, damaged threads, cracks, distortions, cuts and frayed wire braiding. Tighten loose fittings. Replace hoses that have any stripped threads or other damage. Inspect couplings and tees for tightness.

5 YEAR:

The 1-inch Nitrogen Discharge Hose must be hydrostatic pressure tested every five years in accordance with requirements in NFPA 12.

SPECIFICATIONS

Outer Diameter:	1.625 inches
Inner Diameter:	1 inch minimum
Inner Hose Material:	Buna-N Synthetic
Core of Hose:	Double Wire Braided
Outer Hose Material:	Neoprene Synthetic Rubber
Temperature Range:	-40°F to 212°F (-40°C to 100°C)
Minimum Burst Pressure:	6,000 PSI (413 bar)
Couplings Plated:	Electroless Nickel
Approximate Weight:	
14.75-in. Hose	1.9 lb. (0.84 kg)
18.00-in. Hose	2.3 lb. (1.04 kg)

SCHEMATIC

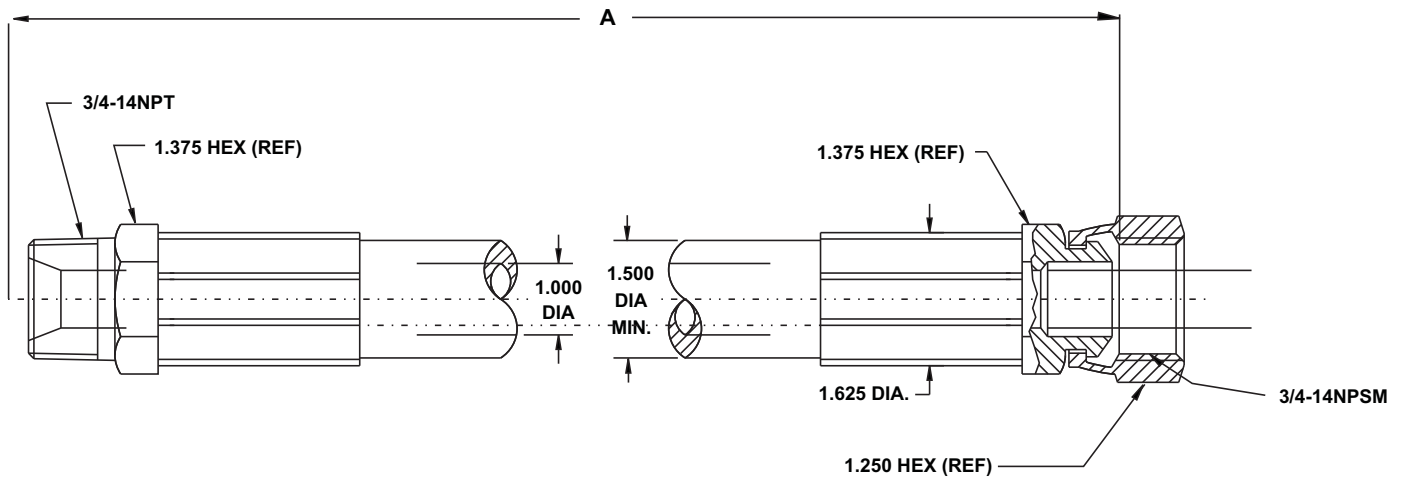


Figure 1. 1-Inch Nitrogen Discharge Hose

ORDERING INFORMATION

Part Number	Dimension "A" Inches	Dimension "A" Millimeters
06-118207-002	14.75	375
06-118207-001	18.00	457

COMPATIBILITY

Series	For Use With
Kidde ECS HFC-227ea	X
Kidde ECS Advanced Delivery FM-200®	X

FM-200 is a registered trademark of E.I. du Pont de Nemours and Company. Kidde is a registered trademark of Kidde-Fenwal Inc. All other trademarks are the property of their respective owners.

This literature is provided for informational purposes only. KIDDE-FENWAL, INC. assumes no responsibility for the product's suitability for a particular application. The product must be properly applied to work correctly. If you need more information on this product, or if you have a particular problem or question, contact Kidde-Fenwal Inc.

