

Fenwal Phoenix

1" Nitrogen Transfer, High Pressure Hose

P/N: 06-118207-00X

F-93-102

FENWAL®

FEATURES

- Flexible Hose with 3/4" Swivel Bell Fitting for Easy Installation
- Three Sizes: 14.75" Used for 225 lb. Phoenix, 18.00" Used for 395 lb. Phoenix and 23.65" Used for 675 lb. and 1010 lb. Phoenix
- Part Number Stamped on Hose for Easy Identification
- UL Listed
- FM Approved

DESCRIPTION

The Fenwal Phoenix 1" Nitrogen Transfer, High Pressure Hoses are used to provide the interconnection between the grooved nut discharge head on the nitrogen driver and the FM-200 storage container. Made to be flexible, a 3/4" swivel bell fitting with a hex nut for attachment to the nitrogen discharge Head allows for easy installation. Three sizes are available (P/N 06-118207-00X, see Figure 1), for use with the Phoenix system agent cylinders.

INSTALLATION

WARNING

The nitrogen transfer hose must always be connected to the agent cylinder and to the discharge head before attaching discharge head to the 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" male NPT thread of the hose. Connect the transfer hose to the 3/4" transfer fitting of the actuation kit. Take the other end of the hose and attach the 3/4" bell fitting to the grooved-nut discharge head (see Table 1). Make certain that the hose is not kinked. The same installation concept is followed when installing hose P/N 06-118207-003, however, two hoses are required for the 675 lb. and 1010 lb. cylinder systems.

Table 1. Actuation Kit Reference

Phoenix Cylinder	Actuation Kit
225 lb.	06-129882-001
395 lb.	06-129882-001
675 lb.	06-129985-001
1010 lb.	06-129985-001



MAINTENANCE

MONTHLY:

Inspect nitrogen transfer 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:

Flexible hoses 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:	Electrolus Nickel
Approximate Weight:	
14.75" Hose	1.9 lb. (0.84 kg)
18.00" Hose	2.3 lb. (1.04 kg)
23.65" Hose	2.8 lb. (1.27 kg)

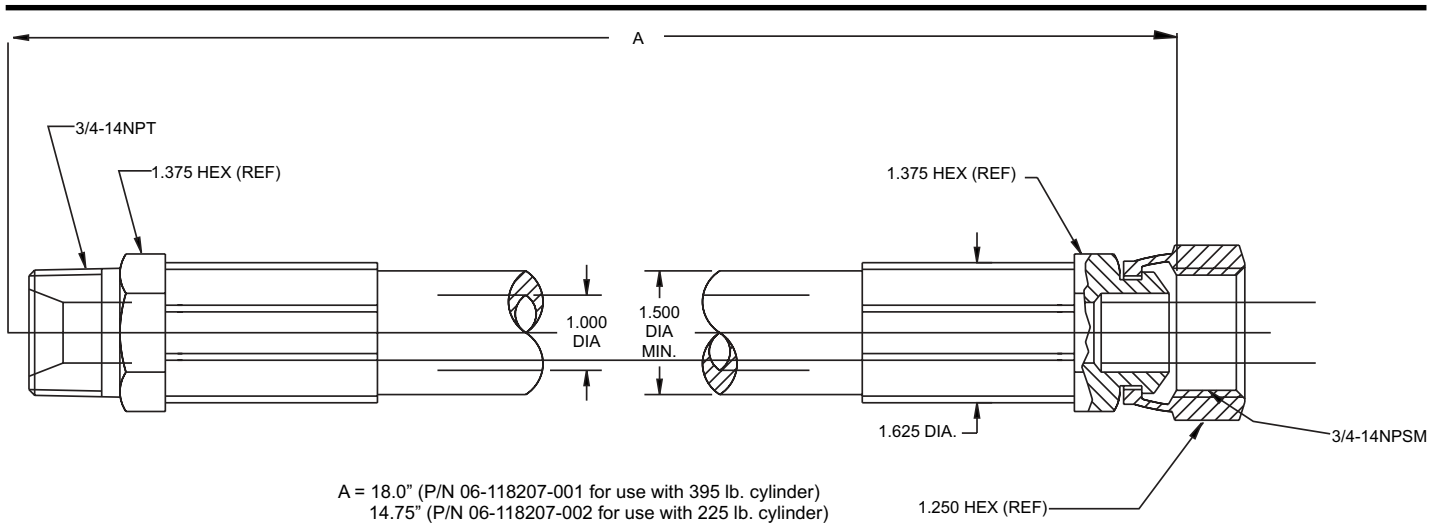


Figure 1. Nitrogen Transfer Hose

ORDERING INFORMATION

Part Number	Description	Dimension "A" Inches	Dimension "A" Millimeters
06-118207-002	For use with 225 lb. Cylinder Assembly	14.75	375
06-118207-001	For use with 395 lb. Cylinder Assembly	18.00	457
06-118207-003	For use with 675 lb. and 1010 lb. Cylinder Assembly	23.65	600



FENWAL[®]
Protection Systems

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These instructions do not purport to cover all the details or variations in the equipment described, nor do they provide for every possible contingency to be met in connection with installation, operation and maintenance. All specifications subject to change without notice. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to KIDDE-FENWAL, INC., Ashland, MA 01721.