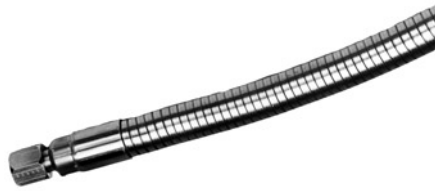


Liquid Transfer Hoses

Specifically designed to connect a liquid cylinder to an external vaporizer, these all-stainless hoses offer complete flexibility, durability, and fast cool-down. Machined end connections and a long collar extend the hose life, and low profile corrugations provide faster filling, lower pressure drop and less product loss. Full armor casing protects the hose from abrasion and damage.



Materials and Specifications

- **Materials of Construction**
 - 321 stainless steel (inner core)
 - 304 stainless steel (braid)
 - 304 stainless steel (armor casing)
 - 304L stainless steel (end fittings)
- **End Connections**
CGA (flare) x CGA (flare)
- **Diameter**
 - .500 inches inner diameter
 - 1.00 inches outside diameter
- **Maximum Operating Pressure**
1,000 PSIG (70 BAR)
- **Minimum Burst Pressure**
5,000 PSIG (350 BAR)
- **Minimum Bend Radius**
3.25"
- **Temperature Range**
-450°F to 1500°F (-265°C to 815°C)
- **Oxygen Service**
Cleaned to CGA G4.1 specifications

Ordering Information

Part No.	Connections	Length (Weight)
529-0245	CGA 440 (5/8" Flare) Liquid Oxygen	48 inches (2.2 pounds)
529-0246	CGA 440 (5/8" Flare) Liquid Oxygen	60 inches (2.8 pounds)
529-0247	CGA 440 (5/8" Flare) Liquid Oxygen	72 inches (3.4 pounds)
529-0248	CGA 440 (5/8" Flare) Liquid Oxygen	120 inches (5.8 pounds)
529-0249	CGA 440 (5/8" Flare) Liquid Oxygen	144 inches (7.0 pounds)
529-0250	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	48 inches (2.2 pounds)
529-0251	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	60 inches (2.8 pounds)
529-0252	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	72 inches (3.4 pounds)
529-0253	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	120 inches (5.8 pounds)
529-0254	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	144 inches (7.0 pounds)

Vaporizers

Features

- **Severe Thermal Cycling Design**
Satisfies demands of ANSI B31.3
- **Wind Load Design to 100 mph**
Withstands high wind loads per UBC Chapter 23
- **Seismic/Earthquake Design**
Mandatory in some states per UBC Chapter 23
- **Clean for Oxygen Service**
Safe use
- **750 PSIG Test Pressure**
Reliable delivery of assist gases

Specifications

- **Max Operating Pressure**
600 PSIG (42 BAR)
- **Inlet Connection**
3/4" MPT
- **Outlet Connection**
3/4" MPT
- **Weight (550-0751 and 550-0752)**
250 pounds (15.9 kg)
- **Weight (550-0753)**
300 pounds (136.4 kg)



Ordering Information

Part Number	Nitrogen and Oxygen Service Rating (SCFH)							Dimensions
	8-24 Hour	3 Day	5-7 Day	10 Day	2 Weeks	18-21 Day	Total Draw	
Vaporizer								Length x Width x Height (inches)
550-0752	2150	1600	1350	1100	900	675	200 MSCF	21 x 21 x 165
550-0753	3185	2400	2000	1600	1350	1000	288 MSCF	21 x 33 x 147
550-0754	4250	3200	2670	2140	1785	1350	383.5 MSCF	21 x 45 x 147
550-0755	6500	5050	4175	3200	2670	2140	1785 MSCF	21 x 65 x 147

CONCOA

1501 Harpers Road • Virginia Beach, VA 23454 USA
1.800.225.0473 • 757.422.8330 • Fax: 757.422.3125 • www.concoa.com