

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
Vaporizer	8-24 Hour	3 Day	5-7 Day	10 Day	2 Weeks	18-21 Day	Total Draw	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

Fittings and Adaptors



Materials and Specifications

- *Maximum Operating Pressure*
1000 PSIG (70 BAR)
- *Temperature Range*
-450°F to 1500°F (-265°C to 815°C)
- *Oxygen Service*
Cleaned to CGA G4.1 specifications
- *Weight*
1.5 ounces (550-0760 and 550-0761)
1.5 ounces (550-0763)
3.0 ounces (550-0762 and 550-0764)

Ordering Information

Part Number	Description	Connections	Body Material
550-0760	Male pipe to male tube	3/8" MPT x CGA 295 (liquid nitrogen and argon)	Brass
550-0761	Male pipe to male tube	3/8" MPT x CGA 440 (liquid oxygen)	Brass
550-0762	90° elbow extension	CGA 440 x CGA 440 (liquid oxygen)	304 stainless steel
550-0764	90° elbow extension	CGA 295 x CGA 295 (liquid nitrogen and argon)	304 stainless steel