

Direct Steam Vapourizer

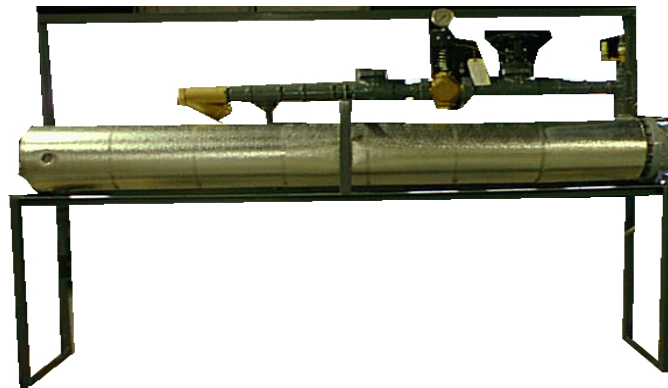
The *Cryotronix* Series VSD vapourizer is a versatile and efficient heat exchanger that uses steam to vapourize or heat various liquids and gases. *Cryotronix* vaporizers are supplied in a wide range of sizes, with capacities from 10,000 to 1,000,000 SCFH.

The VWB heat exchange coils are fabricated in copper or stainless steel and designed for up to 600 psi.

Series VSD

Applications

- Inert gas blanketing
- Furnace atmospheres
- Vaporization of liquids
- High flow gas purging
- Fire protection systems
- Steelmaking and foundry



Model	Maximum Flow (x 1000 SCFH) to gas @ 70°F						Pressure (psig) stainless	In/Out Size (in)	Weight Empty (lb)	Dimension LxH (in)
	Code	H ₂	N ₂	O ₂	Ar	CO ₂				
VSD-	50	100	60	50	70	40	600	3/4	370	96 x 56
VSD-	100	200	120	100	140	80	600	2	500	96 x 56
VSD-	200	400	240	200	260	160	600	2.5	650	108 x 60
VSD-	600	1200	730	600	800	470	600	3	1400	156 x 79

Other gases, flows and configurations are available. Please consult our factory and use the following order specification system to facilitate processing and delivery of your unit.

Model	Code	Gas	Material tube	Insulation	Note
VSD-	50 100 200 600 other	A=Argon N= Nitrogen O= Oxygen C= CO2 Other	0 = copper 300 psi 1= stainless	0=4" polyurethane 1 = 2" Fibre glass 2 = Other	Please specify gas or liquid used as well as required inlet and outlet temperatures

Example : VSD200-N01 will denote a nitrogen vapourizer with 240,000 scfh, copper tube and 2" fibre glass insulation