

Ambient Vaporizers

Supergap™ ambient vaporizers have become the industry standard. *Supergap* vaporizers use natural convection of air to vaporize liquefied gases.

Finned aluminum tubes absorb heat from the air and transfer it to the gas. A 4-inch gap between fin tips permits room for ice growth and provides more than 500 hours of continuous operation—ideal for severe climates and long duration operation.

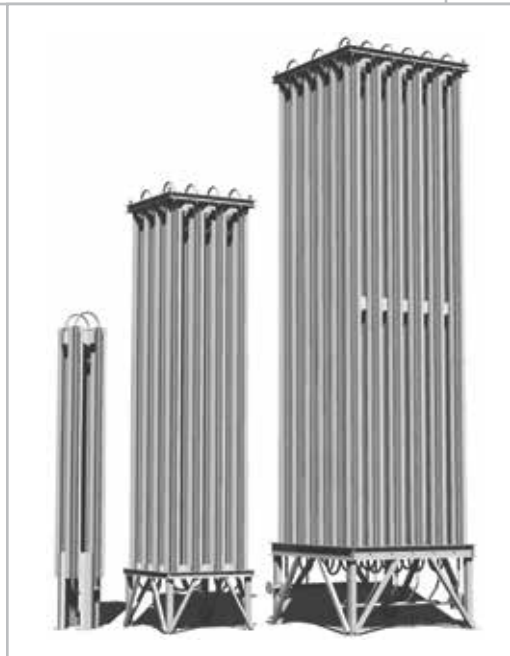
Extended operation requires a system of switching vaporizers, available in standard aluminum construction, and stainless and other alloy liners for high pressure and corrosive applications.

Options

- ▶ Stainless steel, monel, and other alloy liners
- ▶ Design pressures exceeding 15,000 psig
- ▶ *Gale Force*™ design for 150 mph wind loads per ASCE 7-50
- ▶ Low inlet pressure and low pressure-drop designs

Standard Features

- ▶ 12" fin tube center to center spacing
- ▶ Standard models rated up to 200 MSCFH
- ▶ Aluminum corrosion resistant construction
- ▶ Withstands 100 mph winds and Zone 4 seismic forces



Connection Type	Design Pressure	
MNPT (male pipe threads)	600 psig	41 barg
150 lb ANSI F.F. flange	275 psig	19 barg
300 lb ANSI F.F. flange	450 psig	31 barg
Mueller flange (solder O.D.)	450 psig	31 barg

Model Number	Flow Rate* 8 Hours Nitrogen		Standard Inlet/Outlet Connection (in)	Dimensions (in)	Weight (lbs)
	Aluminum SCFH	SS Lined SCFH			
SG25HF	2,600	2,100	3/4	22 x 22 x 152	155
SG35HF	3,900	3,100	3/4	32 x 22 x 152	215
SG50HF	5,200	4,200	3/4	44 x 22 x 152	275
SG70HF	7,800	6,200	3/4	48 x 36 x 152	405
SG95HF	10,400	8,300	3/4	48 x 48 x 152	515
SG110HF	11,700	9,400	3/4	48 x 36 x 213	580
SG140HF	15,600	12,500	3/4	48 x 48 x 213	760
SG180HF	19,400	15,500	3/4	48 x 60 x 213	935
SG215HF	23,300	18,600	1-1/2	72 x 48 x 224	1,160
SG270HF	29,200	23,400	1-1/2	60 x 72 x 224	1,425
SG320HF	35,000	28,000	1-1/2	73 x 73 x 224	1,690
SG360HF	38,900	31,100	1-1/2	75 x 62 x 284	1,890

Larger models available upon request. *Nominal flow rate is based upon 8 hours continuous service between defrosts, an ambient temperature of 50°F, relative humidity of 50%, and a 20°F approach temperature. All tables are intended as guides only. Actual performance and dimensions may vary.