

CRYOGENIC VAPORIZERS

Manufacturing vaporizers for cryogenic fluids since 1989, SNT make Aluminum Star Fin Vaporizers follows unique honeycomb assembly procedure, which eliminates weld cracks during operation, transportation and handling.



22000 nm³/hr . 30 bar, lox vaporizer for Steel Plant.

Features

- Suitable for varied duty cycles
- Rapid defrosting
- Easy and fast to install with Small foot print
- Robust modular design
- Large heat transfer area for stable performance
- Built in lifting lugs
- Heavy duty structure
- Oxygen service cleanliness
- Low pressure drop
- Maintenance free
- All Aluminum/S.S. material of construction
- Globally accepted quality

Specifications

- Standard ratings 50-5000 Nm³/hr in single unit
- MAWP up to 40 bar standard
- High pressure vaporizer up to 250 bar also available
- 4 module lengths 2.5m – 9m
- Available for Oxygen, Nitrogen, Argon, Carbon-di-oxide, LNG, Hydrogen & Helium
- Vaporizers manufactured and supplied as per approved design
- Welding procedure specification (WPS) and procedure qualification record (PQR) approved as per ASME section IX
- Supplied with mating S.S./brass flanges
- Custom made design available for specific application

The performance of ambient air vaporizers is subject to many factors. These include flow, duty-cycle, ambient temperature, relative humidity, freeze period, altitude wind, solar radiation, operating pressure and proximity to adjacent structures. The effects of average solar and wind conditions are not included in the conditions of 21°C and 70% relative humidity. Specific conditions may vary considerably for a particular application, thereby affecting performance.

Design and specifications are subject to change without prior notice.

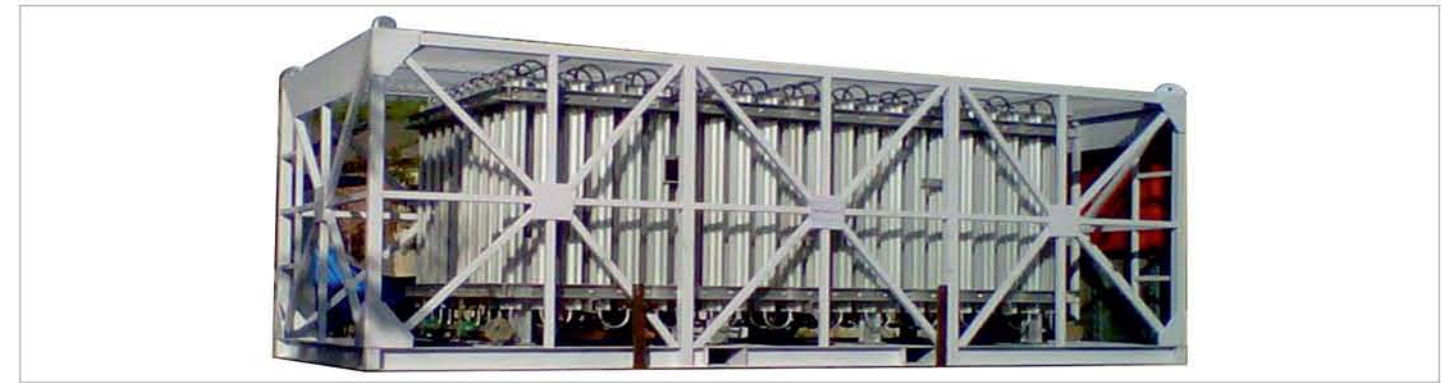
Options Available

- ANSI Flanges
- Stainless Steel or monel line available for higher pressure rating.

Consult the Shell-N-Tube Application Engineering Department for total surface area recommendation for specific applications to vaporize any low temperature liquid including Hydrogen, Helium and LNG.



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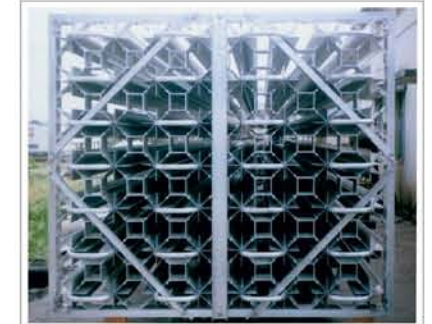
Skid Mounted Vaporisers For Off Shore Duty In 20' & 40' DNV 2.7-1 Type Frame



High Pressure Vaporiser For Cylinder Filling



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Unique Honeycomb Assembly Procedure To Eliminate Weld Cracks



Custom Built Mobile Vaporiser For Naptha Piggings



4000 Nm³/ Hr All Copper Vaporizer Built In 1989



INDIA'S FIRST ATMOSPHERIC LNG VAPORIZER WITH TOTAL LNG SYSTEM INTEGRATION



Automatic Control Panel and Switch over skid for 24 x 7 unattended vaporiser operation



20 TONS / HR , 30 BAR Steam Bath Vaporizer



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