

CRYOGENIC AMBIENT AIR VAPORIZER

Ambient air vaporisers requires no external source of energy; and enables vaporization through exchange of heat with the surrounding air. The liquefied gas is vaporized, and warmed to almost the surrounding temperature, and finally led to the users in its gaseous state.

The vaporisers are for use with liquid :

NITROGEN

OXYGEN

ARGON

CARBON DIOXIDE

NITROUS OXIDE

LNG

Design Specifications

CRYOTEKNIK offers a full range of ambient air vaporizers in different versions and for different applications. Our ambient air vaporisers have the following properties:

- Designed and manufactured according to PED 2014/68/EU
- Has CE marking
- Max. allowable working pressure 40 bar
- Cleaned for oxygen service
- Seismic requirements acc. to uniform building code-zone 4
- Low pressure drop
- Efficient fin tube design
- Optimised external and internal surfaces for optimum convection



Vaporiser Options

Ambient air vaporisers options are :

- Fin tube vaporisers
- Fan assisted vaporisers
- Fin tube vaporisers rely on natural convection while fan assisted models are equipped with an electric motor operated fan to enhance air flow and increase efficiency.