



CRYOGENIC VAPORISERS

Reliable, dedicated and quality driven

Cryogenic vaporisers

With approx 50 years at the forefront of Development and application of Cryogenic vaporisers, CRYONORM has employed a combination of technologies and production techniques to satisfy a diverse range of vaporising applications. Our reputation of providing an unsurpassed level of customer service rides on every job we do.

Ambient heated vaporisers

Natural and forced draft ambient air heated vaporisers, standard rated 40 bar for all aluminium LP range and 420 bar for stainless steel lined HP range. On request, special linings like Monel, electro polished or higher working pressures are available to suit the project specifications. For the in- and outlet, a choice can be made between flanged-, coupling- or threaded connections.



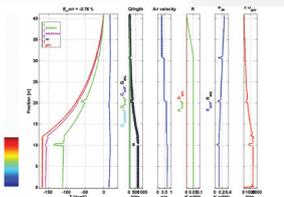
All aluminium, wide spaced design



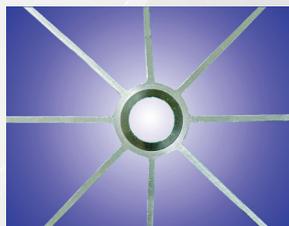
High capacity fan forced draft vaporisers



Pressure building vaporisers for trailers



CRYONORM developed an in-house computer program which enables us to, based on ambient conditions, operating time, type of gas, flow and pressures, select which type of vaporiser best suits your project specifications.



Detail of stainless steel lined vaporiser. All liner tubes are 100% Bonded into the extrusion. Optional with electropolished stainless steel tubes for high purity systems.



Pressure building vaporisers for maintaining tank pressure during liquid withdrawal. Both stand alone as tank mounted designs.



Gas trim heaters

Gas trim heaters to be placed downstream ambient vaporisers to assure required set gas temperature.



Auto change over unit

Standard, CE marked auto change over units on in- or outlet of ambient vaporisers. Control on gas temperature and time.



Cryogenic vaporisers

From the smallest enquiry for a standard vaporiser to a detailed solutions for a special or unusual vaporising systems, every customers gets the same level of understanding, empathy and after sales care.

Standard CRYONORM vaporisers are designed and manufactured in accordance with design codes as outlined in EN13445, AD2000 and ASME.



All vaporisers are supplied with appropriate CE marking according PED 97/23/EC.

Powered vaporisers

Water bath vaporisers, powered by electrical elements, steam injection, process water and diesel or gas fired. No limitations on flow capacities.



Water heated vaporisers both coil in shell as shell & tube designs.



All stainless steel designed electrically heated vaporiser



Natural gas or propane fired plant back-up vaporisers



High capacity steam heated vaporiser

Mobile vaporisers



Diesel fired plant back-up vaporiser



2x 925 Nm³/hr with tank in centre



40ft frame with 4x925 Nm³/hr



15,000 Nm³/hr mobile S&T direct steam heated vaporiser



20ft frame with 2x850 Nm³/hr natural draft or 2x1,700 Nm³/hr forced draft vaporisers



10ft frame, EN12079/DNV2.7-1 certified with 500 Nm³/hr natural draft vaporiser.

Quality control

CRYONORM has full ownership of an ISO9001 certified quality system. Every vaporiser is CE-marked according to PED 97/23/EC, cleaned for LOX service and comes with combined CE/pressure test certificate. On request, we supply full manufacturing data books.

CRYONORM vaporisers can be manufactured according to all international standards.



Final inspection is viewed not as the end of an order, but as part of a long term relationship with our customers!



Cryonorm in the Netherlands



Cryonorm in Hungary



Cryonorm BV

Koperweg 3
2401 LH Alphen aan den Rijn
The Netherlands

T +31 (0)172 418 080

F +31 (0)172 438 819

sales@cryonorm.com

www.cryonorm.com