

# Cryopack 10FT container

## *Cryogenic container for transport and storage of liquid nitrogen*

The Cryopack 800 is a vacuum super insulated tank on frame designed for transport and storage of liquid nitrogen.

It offers a choice of working pressure according to the application: 5,2 or 6 bar in standard (other pressure available on request).

Cryo Diffusion tanks meet the increasing requirements of the gas industry and oil well services companies, with the best performances on the market.

This cryogenic tank is primarily designed for the transport of liquid nitrogen to offshore oil rigs.

The tank is capable to withstand the most severe sea conditions. Moreover, this unit can be used for transport by road or rail.

Lloyd's and DNV certification

EN12079 / ASME VIII

DNV 2.7-1 / IMO / MSC / IMDG / ADR / RID / CSC / UN T75

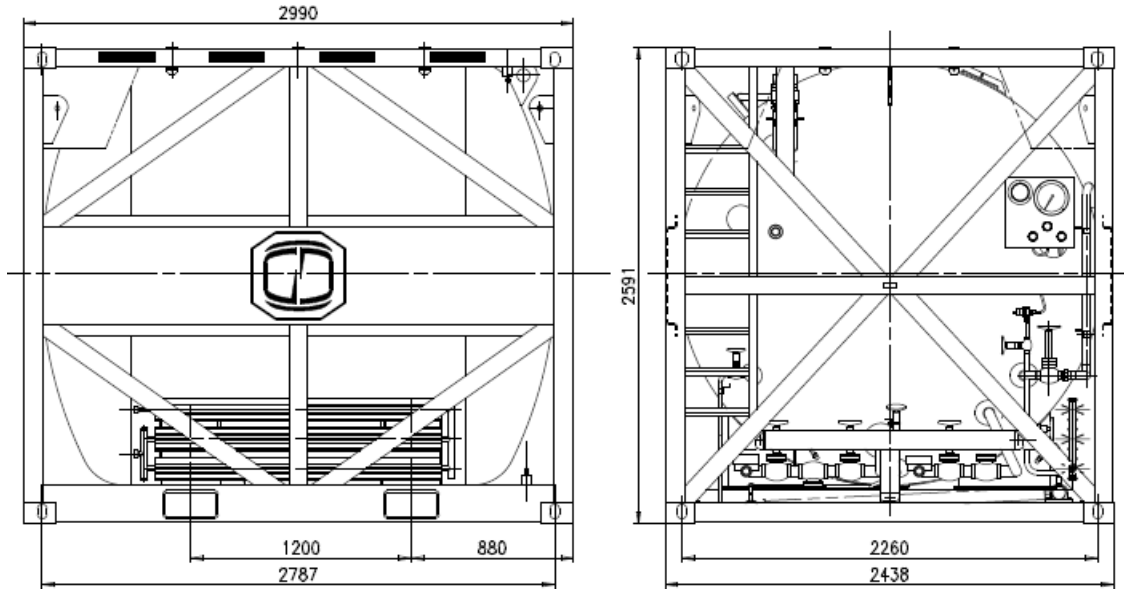


### Materials

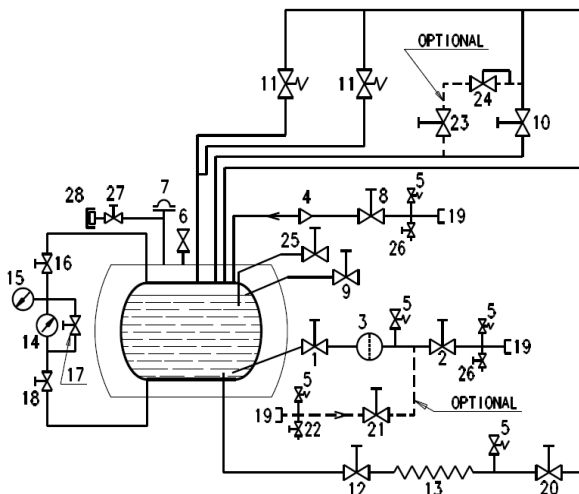
- Inner shell: Stainless steel
- Outer shell: Painted carbon steel
- Piping: Stainless steel
- Framework: Painted carbon steel

# Technical specification

## Design and Dimension:



## Flow diagram :



PID could be adapted according to the customer request

Mark	Function
1	Withdrawal shut off valve
2	Withdrawal valve
3	Filter
4	Non return valve
5	Line safety valve
6	Vacuum port
7	Lifting plate
8	Top fill valve
9	Full try cock valve
10	Vent valve
11	Safety relief valves
12	Pressure build up valve
13	Pressure build up coil
14 to 18	Content gauge
19	Liquid connections
20	Pressure build up valve
21	Rear by pass valve
22	Rear drain valve
23	Shut of valve
24	Pressure economizer
25	Full try cock
26	Depressurise valve
27 to 28	Vacuum gauge

## Technical specification :

Gross capacity	7800 L
Net capacity	7410 L
Tare weight	5000 Kg
LN2 full weight	10990 Kg
Maximum operating pressure	5,2 / 6 Bar
Evaporating rate	0,5 %



**CRYO DIFFUSION SAS**, 49, rue de Verdun, 27690 Léry – France

Tel. +33 2 32 59 03 68 Fax. +33 2 32 59 00 65 [info@cryodiffusion.fr](mailto:info@cryodiffusion.fr) [www.vrv.com](http://www.vrv.com)

[www.cryodiffusion.com](http://www.cryodiffusion.com)

Doc 25 Revision B – October 2013