

1.	<b>MODEL</b>	<b>SNT-1500-L 1.65</b>
2.	Client Equipment No.	HAICO / VP / 002
3.	Capacity Of Each Vaporizer	1500 Nm <sup>3</sup> / Hr.
4.	Fluid to be used	LIN / LOX / LAR
5.	Duty	8 Hrs.
6.	Defrosting Time	4-6 Hrs
7.	Design Code – Guidelines	ASME Sec. VIII DIV-I, ED. 2007.
8.	Design Pressure	30 Bar
9.	Pneumatic Test Pressure	44 Bar.
10.	Mechanical Design Temp.	-196 °C / + 65° C (Only For Mech. Design Purpose)
11.	Gas Outlet Temp.	10° C Below Ambient Temp.
12.	Material Of Construction: <ul style="list-style-type: none"> <li>• Fins</li> <li>• Inner Pipe</li> <li>• Bend and Header</li> <li>• Flanges</li> <li>• Structure and Frame</li> <li>• Companion Flanges</li> <li>• Shipping Frame</li> </ul>	Aluminium A 6063 T5 Aluminium A 6063 T5 Aluminium A 6063 T5 Aluminium A 6063 T5 Aluminium A 6063 T6 SS304 CS
13.	Inlet / Outlet at B/L	2” Inlet (1No) / 2” Outlet (1 No.)
14.	Companion Flanges For Inlet/Outlet	2” with 1.1/2” Female BSP Threading (2 Nos.) and NIT fitting available upon request
15.	Inspection	<b>IN HOUSE AND TUV.</b>
16.	Special Features	DNV 2.7-1 type frame from all side (Carbon steel material for frame), Fork lift pockets 4 nos. Pad eyes on 4 corner post to lift the vaporizer with sling, thick wire mesh on roof top to keep the sling and to protect the fins
17.	Approximate dimension for vaporizer	L:2670 mm X W: 1940 mm X H: 2390 mm
18.	Approximate dimension for Frame	L:2991 mm X W: 2438 mm X H: 2591 mm

19.	Tare weight of the vaporizer	1000 Kg.
20.	Total weight of the vaporizer while N2 operation	1000 Kg + 150 Kg OF LIN2 = 1150 Kg.
21.	weight of Frame (SKID)	1930 Kg.
	TOTAL WEIGHT	2930 Kg.
22.	Fork Lift pockets	Available for lifting
23.	Lifting slings (4 Leg)	Available for lifting
24.	Pressure Drop	0.5 - 0.7 Bar.
25.	Number of Tubes per Unit	120 Nos
26.	Tube I.D. (in) (mm)	21.4 mm
27.	Number of Fins Per Tube	8 Nos
28.	Extrusion Arrangement and Length (m)	2.00 mtr.
29.	Linear Foot Extrusion per Unit (m)	240 mtr.
30.	Extrusion Diameter (in) (mm)	125 mm
31.	Extrusion Spacing (in) (mm)	187 mm
32.	Surface Area Per Unit (m2)	1 m2/mtr.