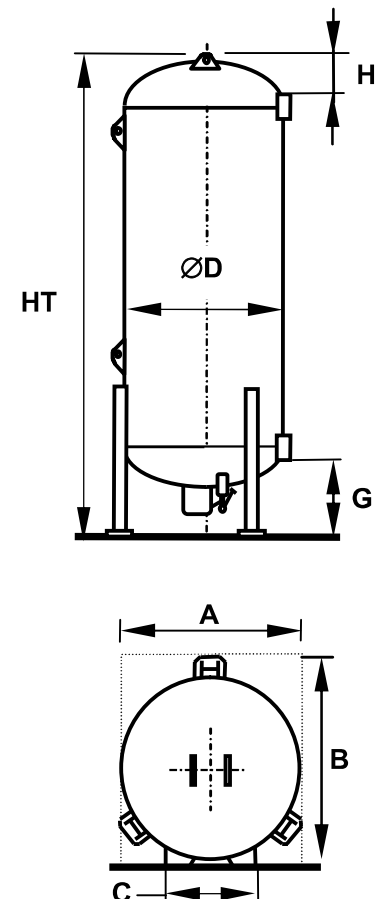
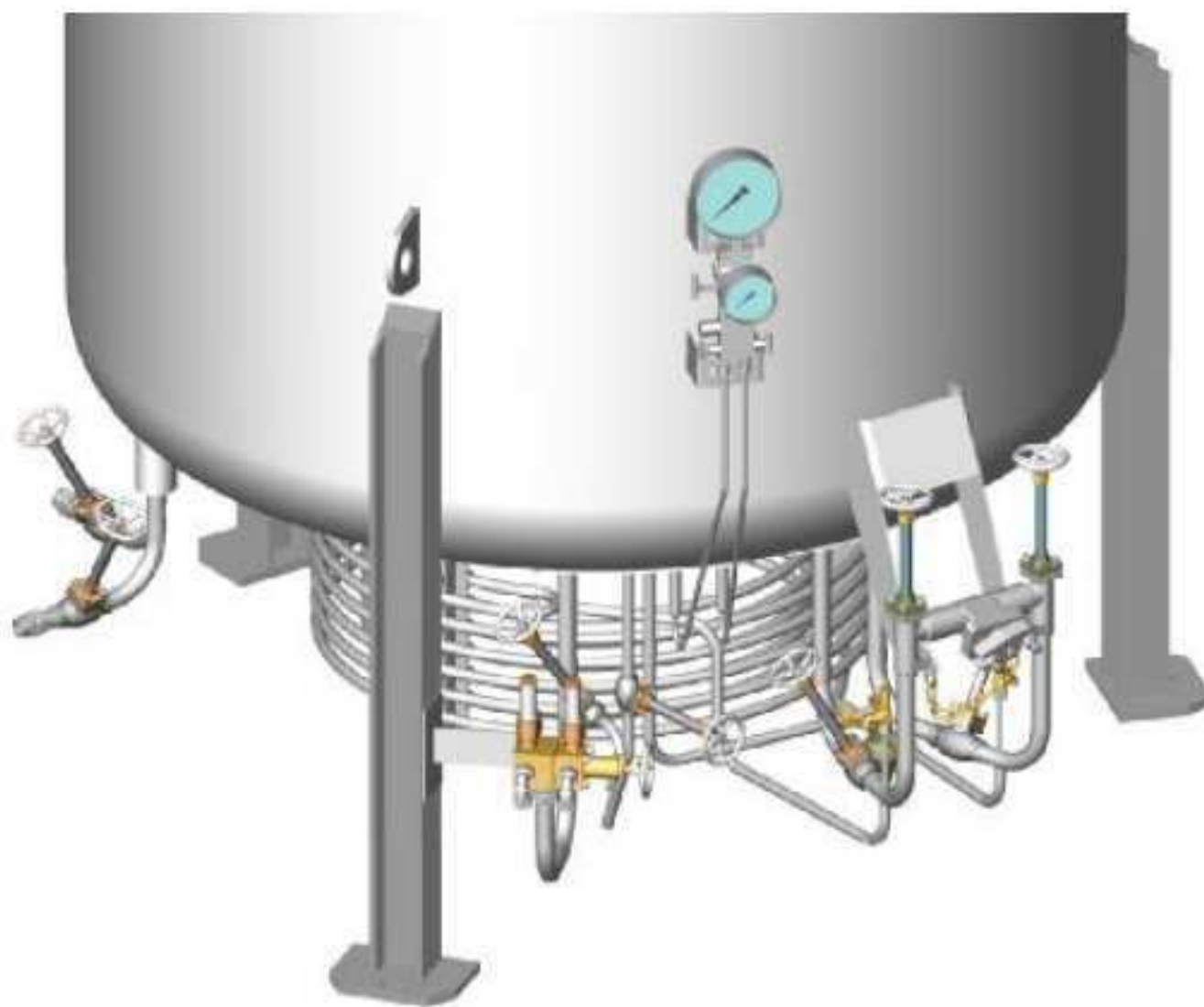


CRYOLOR ASIA PACIFIC introduces the latest generation vacuum isolated cryogenic tank, the **RHPA Céline 3**, for liquid nitrogen, oxygen or argon service. Available in a range of sizes with a Maximum Allowable Working Pressure of **540 psig** (≈ 37 bar) & **394 psig** (≈ 27 bar), **RHPA Céline 3** is designed in accordance with **ASME/U-STAMP**. Moreover, the support legs used in the **RHPA Céline 3** range are calculated **to resist high winds and earthquakes (IBC code)**

- **The widest range of standard options:** Introduced by CRYOLOR ASIA PACIFIC, our innovative modular design using prefabricated piping modules, allows the basic model to be customized to satisfy virtually all possible technical requirements.
- **A maximum use of Stainless steel:** Only RHPA Céline 3 uses as much stainless in its construction to guarantee the lowest life cycle costs - valves, interconnecting piping, pressure raising coil and all welded connections are stainless steel.
- **Components selected for their operational reliability** - mono-bloc pressure building economizer - regulator, safety system with dual relief valves and burst discs as standard, stainless steel valves.
- **Reduced overall operational costs** - optimized pipework layout with fewer connections minimize potential leaks and facilitate operation & servicing, filling assembly isolation valves, proven painting techniques guarantee years of care-free operation.





High Pressure Cryogenic Storage Tank



37 bar Version :

Type	RHPA6		RHPA11		RHPA14		RHPA21		RHPA27	
	(1.5 KUSG)		(3 KUSG)		(4 KUSG)		(6 KUSG)		(7.5 KUSG)	
Gross capacity (liters / USG) *	6 150	1 625	10 540	2 784	14 910	3 939	23 660	6 250	28 040	7 407
Net capacity (liters / USG) *	5 535	1 463	9 486	2 506	13 419	3 545	21 294	5 625	25 236	6 666
Daily evaporation rate O2 (%)	0.32		0.26		0.24		0.22		0.20	
Empty weight (kg / lbs)	5 500	12 125	7 750	17 086	9 850	21 716	13 950	30 755	16 025	35 330
Weight full Nitrogen (kg / lbs) - LIN	9 978	21 997	15424	34004	20706	45649	31177	68733	36441	80338
Weight full Oxygen (kg / lbs) - LOX	11 815	26 049	18 574	40 948	25 161	55 471	38 246	84 319	44 819	98 810
Weight full Argon (kg / lbs) - LAR	13 210	29 124	20 964	46 218	28 543	62 926	43 613	96 149	51 179	112 830
Ø Diameter (mm / feet)	2 200	7.2	2 200	7.2	2 200	7.2	2 200	7.2	2 200	7.2
Continuous flow rate of 8 hours At 30 bar (Nm3/Hr)	130		130		130		280		280	
HT height (mm / feet)	4 200	13.8	5 200	17.1	7 660	25.1	10 235	33.6	11 740	38.5
H (mm / feet)	520	1.7	520	1.7	520	1.7	520	1.7	520	1.7
G (mm / feet)	1 055	3.5	1 055	3.5	1 055	3.5	980	3.2	980	3.2
A (mm / feet)	2 250	7.4	2 250	7.4	2 250	7.4	2 300	7.5	2 300	7.5
B (mm / feet)	2 450	8.0	2 450	8.0	2 450	8.0	2 500	8.2	2 500	8.2
C (mm / feet)	1 245	4.1	1 245	4.1	1 245	4.1	1 245	4.1	1 245	4.1

* ± 4%

27 bar Version :

Type	RHPA6		RHPA11		RHPA14		RHPA21		RHPA27	
	(1.5 KUSG)		(3 KUSG)		(4 KUSG)		(6 KUSG)		(7.5 KUSG)	
Gross capacity (liters / USG) *	6 150	1 625	10 540	2 784	14 910	3 939	23 660	6 250	28 040	7 407
Net capacity (liters / USG) *	5 535	1 463	9 486	2 506	13 419	3 545	21 294	5 625	25 236	6 666
Daily evaporation rate O2 (%)	0.32		0.26		0.24		0.22		0.20	
Empty weight (kg / lbs)	4950	10913	6950	15322	8800	19401	12350	27227	14175	31251
Weight full Nitrogen (kg / lbs) - LIN	9428	20785	14624	32241	19656	43334	29577	65206	34591	76260
Weight full Oxygen (kg / lbs) - LOX	11265	24836	17774	39184	24111	53156	36646	80792	42969	94731
Weight full Argon (kg / lbs) - LAR	12660	27911	20164	44454	27493	60611	42013	92622	49329	108751
Ø Diameter (mm / feet)	2 200	7.2	2 200	7.2	2 200	7.2	2 200	7.2	2 200	7.2
Continuous flow rate of 8 hours At 20 bar (Nm3/Hr)	200		200		400		400		400	
HT height (mm / feet)	4 200	13.8	5 200	17.1	7 660	25.1	10 235	33.6	11 740	38.5
H (mm / feet)	520	1.7	520	1.7	520	1.7	520	1.7	520	1.7
G (mm / feet)	1 055	3.5	1 055	3.5	1 055	3.5	980	3.2	980	3.2
A (mm / feet)	2 250	7.4	2 250	7.4	2 250	7.4	2 300	7.5	2 300	7.5
B (mm / feet)	2 450	8.0	2 450	8.0	2 450	8.0	2 500	8.2	2 500	8.2
C (mm / feet)	1 245	4.1	1 245	4.1	1 245	4.1	1 245	4.1	1 245	4.1

* ± 4%