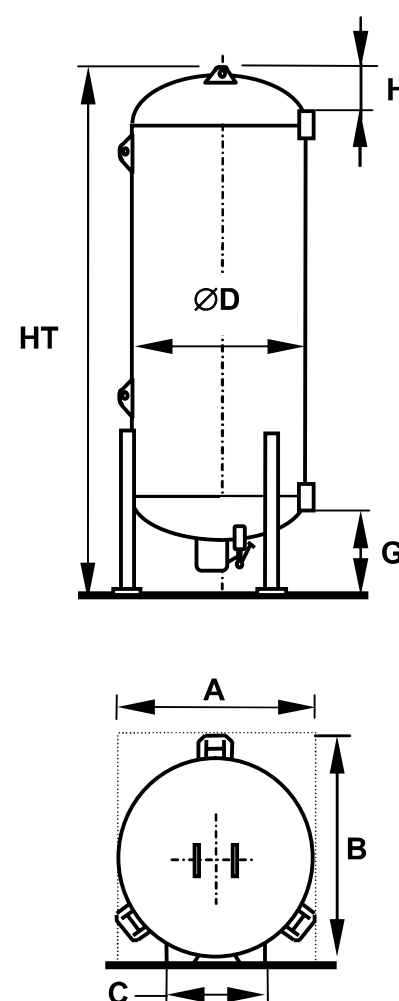
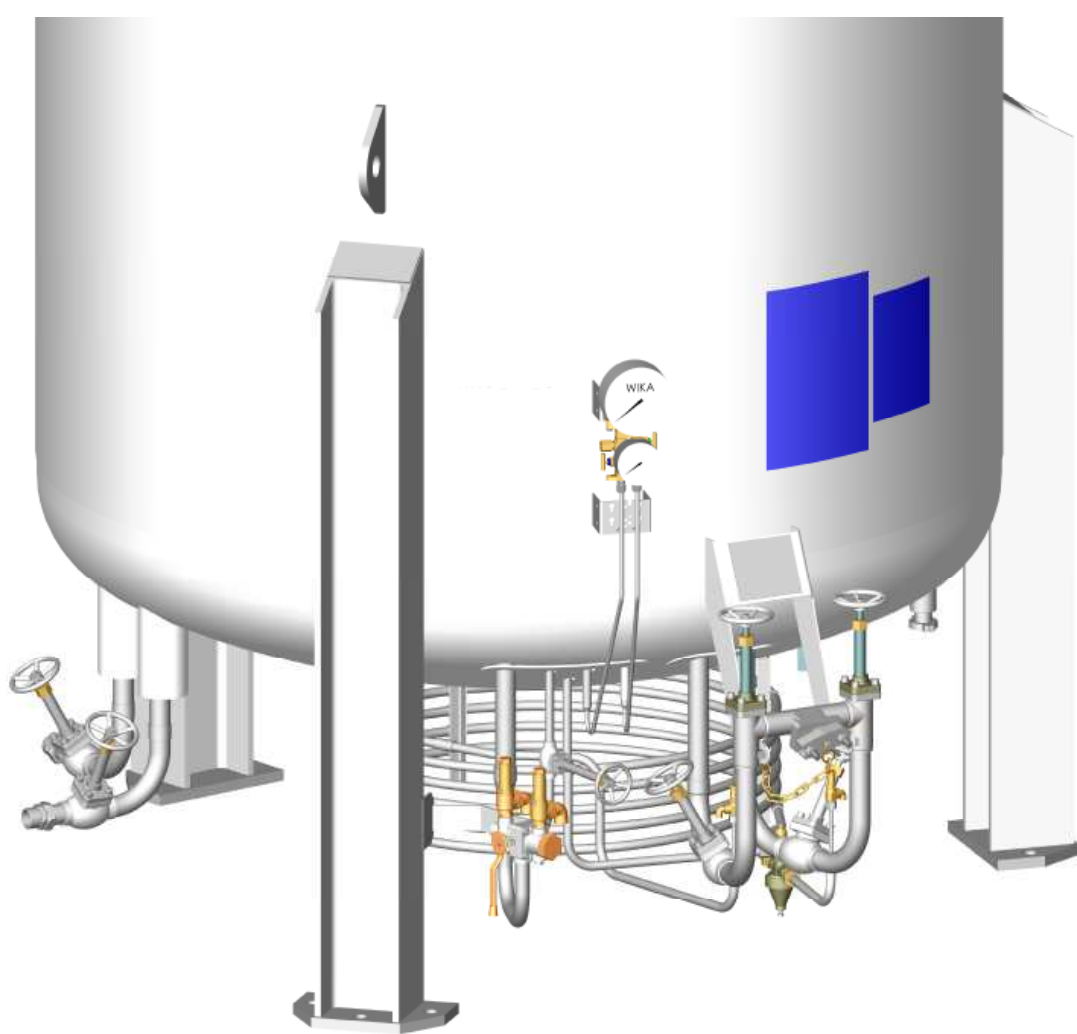


CELINE 3 Vertical Cryogenic Storage Tank

CRYOLOR ASIA PACIFIC introduces the latest generation vacuum isolated cryogenic tank, the **Céline 3**, for liquid nitrogen, oxygen or argon service. Available in a range of sizes with a Maximum Allowable Working Pressure of **250 psig** (≈ 17 bar), **Céline 3** is designed in accordance with **ASME / U Stamp**.

Moreover, the support legs used in the Céline 3 range are calculated **to resist high winds and earthquakes (IBC code)**

- **A maximum use of Stainless steel:** Only 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.



Type	CA6	CA11	CA14	CA21	CA27					
	(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) *	5 792	1 530	9 926	2 622	14 037	3 708	22 278	5 885	26 401	6 974
Boil off Rate O ₂ (%)	0.28	0.28	0.26	0.26	0.24	0.24	0.22	0.22	0.20	0.20
Empty weight (kg / lbs)	4 300	9 480	5 800	12 787	7 800	17 196	10 500	23 149	12 050	26 566
Weight full Nitrogen (kg / lbs) - LIN	8 984	19 805	13 826	30 481	19 150	42 220	28 514	62 863	33 397	73 629
Weight full Oxygen (kg / lbs) - LOX	10 909	24 050	17 125	37 754	23 816	52 506	35 950	79 189	42 173	92 975
Weight full Argon (kg / lbs) - LAR	12 367	27 265	19 624	43 264	27 351	60 299	41 529	91 557	48 821	107 631
Continuous flow rate for 8 hours at 8 bar (Nm ³ /h)	500	500	500	500	500	500	2000	2000	2000	2000
Ø Diameter (mm / feet)	2 200	7.2	2 200	7.2	2 200	7.2	2 200	7.2	2 200	7.2
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%

Type	CA33	CA41	CA53	CA63				
	(9 KUSG)	(11 KUSG)	(13 KUSG)	(15 KUSG)				
Gross capacity (liters / USG) *	34 340	9 071	41 300	10 910	56 270	14 865	63 750	16 841
Net capacity (liters / USG) *	32 623	8 618	38 882	10 272	52 974	13 994	60 018	15 855
Boil off Rate O ₂ (%)	0.18	0.18	0.16	0.16	0.15	0.15	0.13	0.13
Empty weight (kg / lbs)	14 600	32 188	17 130	37 765	21 920	48 325	24 240	53 440
Weight full Nitrogen (kg / lbs) - LIN	40 959	90 299	48 570	107 078	64 755	142 760	72 771	160 432
Weight full Oxygen (kg / lbs) - LOX	51 823	114 250	61 494	135 572	82 363	181 580	92 721	204 414
Weight full Argon (kg / lbs) - LAR	60 011	132 302	71 285	157 156	95 702	210 987	107 833	237 732
Continuous flow rate for 8 hours at 8 bar (Nm ³ /h)	2000	2000	2000	2000	2000	2000	2000	2000
Ø Diameter (mm / feet)	2 840	9.3	2 840	9.3	2 840	9.3	2 840	9.3
HT height (mm / feet)	8 850	29,03	10 510	34,5	13 510	50,9	15 025	49,3
H (mm / feet)	650	2,2	650	2,2	650	2,2	3 660	12
G (mm / feet)	1 100	3,6	1 100	3,6	1 100	3,6	1 100	3,6
A (mm / feet)	2 950	9,7	2 950	9,7	2 999	9,8	2 999	9,8
B (mm / feet)	3 300	10,8	3 300	10,8	3 350	11	3 350	11
C (mm / feet)	1 530	5	1 530	5	1 530	5	1 530	5

* ± 4%