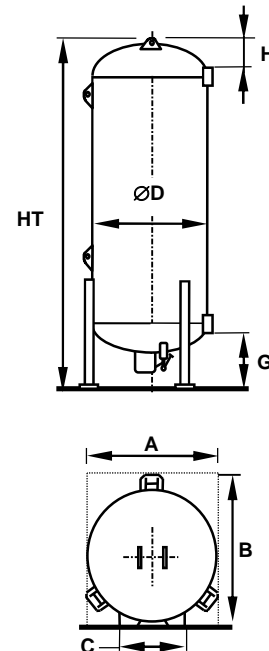
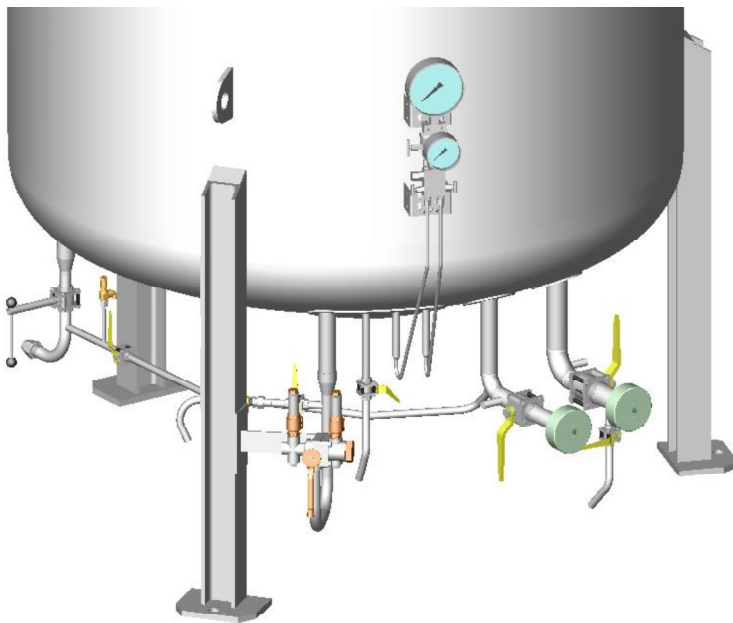


CRYOLOR introduces the latest generation vacuum isolated cryogenic tank, the **RCI Céline 3**, for liquid CO₂ and N₂O service, with inner vessel in stainless steel. Available in a wide range of sizes with a Maximum Allowable Working Pressure of **22 bar** (≈320 psig), **RCI Céline 3** is designed in accordance with the European Pressure Directive **2014/68/UE** and EN 13458. Moreover, the support legs used in the RCI Céline 3 range are calculated **to resist high winds and earthquakes (Eurocode 1 and 8 and UBC zone 3)**.

- **The widest range of standard options:** introduced by CRYOLOR, 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 Céline 3 uses as much stainless in its construction to guarantee the lowest life cycle costs - valves, interconnecting piping and all welded connections are stainless.
- **Components selected for their operational reliability -** safety system with dual relief valves, stainless valves.
- **Reduced overall operational costs -** optimized pipework layout with fewer connections minimize potential leaks and facilitate operation & servicing, filling assembly isolation valves as standard, proven painting techniques guarantee years of care-free operation.



Type	RCI 3	RCI 6	RCI 10	RCI 21	RCI 27	RCI 39	RCI 51	RCI 63
Gross capacity (liters) *	3 440	5 870	10 870	21 770	28 450	38 770	50 420	62 070
Net capacity (liters) *	3 165	5 400	10 000	20 028	26 174	35 670	46 390	57 110
Net capacity with condensing coil (liters)* Option OP1401 / see technical data sheet S0000586	3 095	5 400	10 000	20 028	26 174	35 670	46 390	57 110
Daily evaporation rate CO ₂ (%)	0,093	0,086	0,080	0,070	0,060	0,050	0,030	0,030
Empty weight (kg)	2 800	3 700	5 700	9 700	12 000	16 100	19 900	23 300
Weight full CO ₂ (kg)	6 164	9 386	16 230	30 789	39 561	58 210	74 660	90 710
Weight full N ₂ O (kg)	6 059	9 208	15 900	30 129	38 697	59 720	76 630	93 130
Ø Diameter (mm)	1 900	1 900	1 900	2 200	2 200	2 840	2 840	2 840
HT height (mm)	3 580	4 890	7 530	9 530	11 860	9 900	12 210	14 670
H (mm)	480	480	480	520	520	650	650	3 660
G (mm)	1 025	1 025	1 025	1 080	1 080	1 100	1 100	1 100
A (mm)	2 200	2 200	2 200	2 300	2 300	2 950	2 999	2 999
B (mm)	2 200	2 200	2 200	2 500	2 500	3 300	3 350	3 350
C (mm)	1 100	1 100	1 100	1 245	1 245	1 530	1 530	1 530

* ± 4%