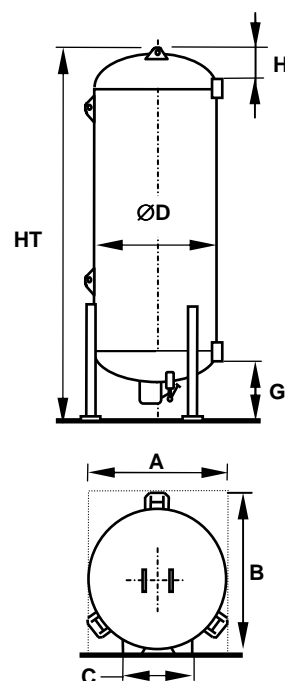
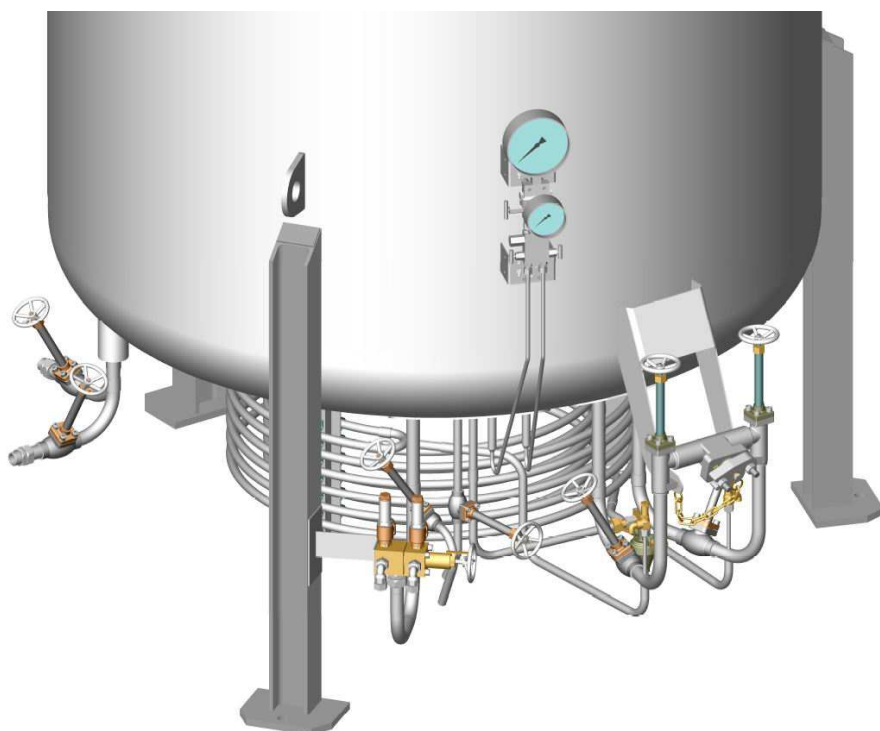


CRYOLOR introduces the latest generation vacuum isolated cryogenic tank, the **RHP Céline 3**, for liquid nitrogen, oxygen or argon service. Available in a wide range of sizes with a Maximum Allowable Working Pressure of **37 bar** (≈ 540 psig), **RHP Céline 3** is designed in accordance with the European Pressure Directive **PED 97/23/CE** and **EN 13458**. Moreover, the support legs used in the 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, PR coil and all welded connections are stainless.
- **Components selected for their operational reliability** - mono-bloc pressure building economizer - regulator, safety system with dual relief valves and burst discs as standard, 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	RHP3	RHP6	RHP10	RHP21	RHP27	RHP39	RHP51	RHP63
Gross capacity (liters) *	3 370	5 810	10 740	21 770	28 450	38 790	50 430	62 080
Net capacity (liters) *	3 030	5 230	9 670	19 590	25 610	34 920	45 390	55 880
Daily evaporation rate O ₂ (%)	0,45	0,32	0,26	0,22	0,20	0,18	0,17	0,13
Empty weight (kg)	3 300	4 400	6 800	11 500	14 200	19 100	23 700	27 900
Weight full Nitrogen (kg) - LIN	5 750	8 630	14 620	27 342	34 910	47 340	60 410	73 090
Weight full Oxygen (kg) - LOX	6 760	10 370	17 840	33 852	43 421	58 940	75 490	91 650
Weight full Argon (kg) - LAR	7 520	11 690	20 270	38 785	49 870	67 730	86 920	105 720
Continuous flow rate for 8 hours at 30 bar (Nm ³ /h)	130	130	130	280	280	280	280	280
Ø Diameter (mm)	1 900	1 900	1 900	2 200	2 200	2 840	2 840	2 840
HT height (mm)	3 490	4 790	7 430	9 430	11 760	9 900	12 250	14 530
H (mm)	480	480	480	520	520	650	650	3 660
G (mm)	925	925	925	980	980	1 100	1 100	1 100
A (mm)	2 200	2 200	2 200	2 300	2 300	2 999	2 999	2 999
B (mm)	2 200	2 200	2 200	2 500	2 500	3 350	3 350	3 350
C (mm)	1 100	1 100	1 100	1 245	1 245	1 530	1 530	1 530

* ± 4%