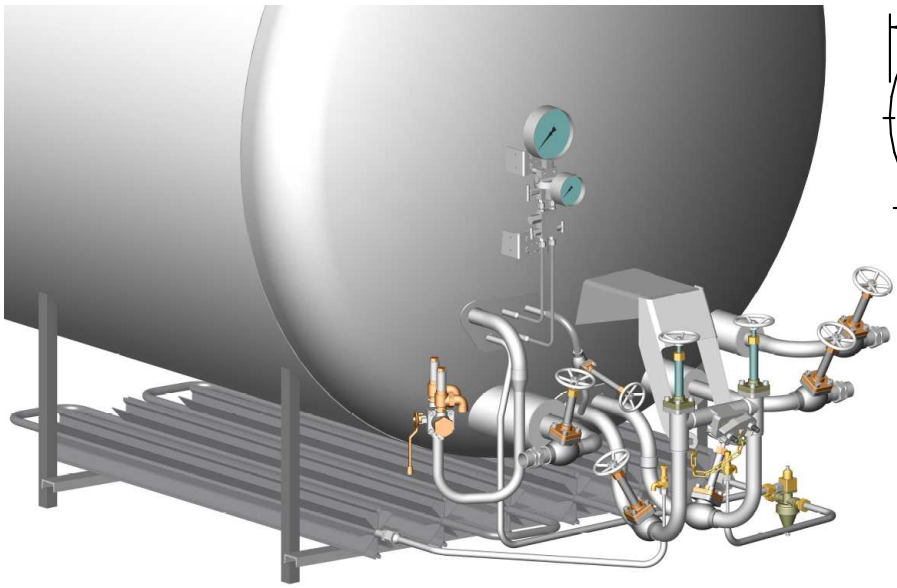
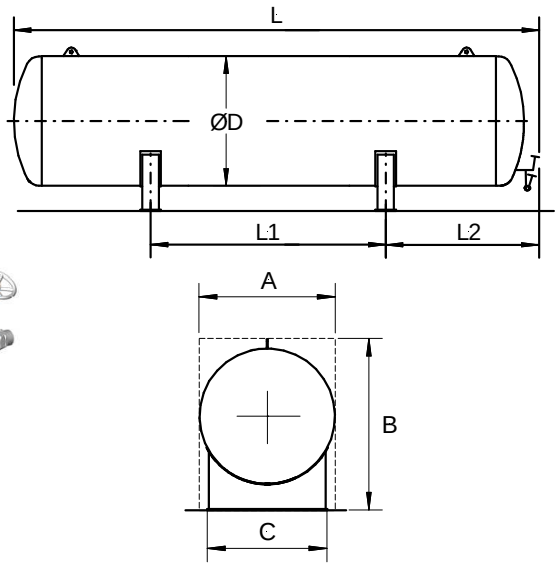
EFH CELINE 3

Horizontal Cryogenic Storage Tank

CRYOLOR introduces the latest generation vacuum isolated cryogenic tank, the **EFH Céline 3**, for liquid nitrogen, oxygen or argon service. Available in a wide range of sizes with a Maximum Allowable Working Pressure of ***17 bar*** (≈ 250 psig), **EFH Céline 3** is designed in accordance with the European Pressure Directive **PED** 97/23/CE and EN 13458.

- **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 -** mono-bloc pressure building 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	*EFH6*	*EFH10*	*EFH21*	*EFH33*	*EFH63*
Gross capacity (liters) *	6 105	9 445	21 770	33 160	61 990
Net capacity (liters) *	5 922	8 973	20 682	31 501	58 891
Daily evaporation rate O_2 (%)	0,22	0.26	0,22	0.18	0,13
Empty weight (kg)	4 300	5 300	9 600	13 900	22 200
Weight full Nitrogen (kg) - LIN	9 089	12 550	26 311	39 353	69 784
Weight full Oxygen (kg) - LOX	11 057	15 538	33 198	49 843	89 395
Weight full Argon (kg) - LAR	12 548	17 800	38 410	57 781	104 235
Continuous flow rate for 8 hours at 8 bar (Nm3/h)	1 000	1 000	2 000	2 000	2 000
∅ Diameter (mm)	2 200	2 200	2 200	2 840	2 840
L length (mm)	4 050	5 165	9 285	8 560	14 350
L1 (mm)	1 995	2 990	4 000	3 400	6 000
L2 (mm)	1 325	1 445	2 950	4 765	4 765
A (mm)	2 205	2 205	2 205	2 840	2 840
B (mm)	2 785	2 785	2 785	3 440	3 440
C (mm)	1 860	1 950	1 950	2 530	2 530

* ± 4%