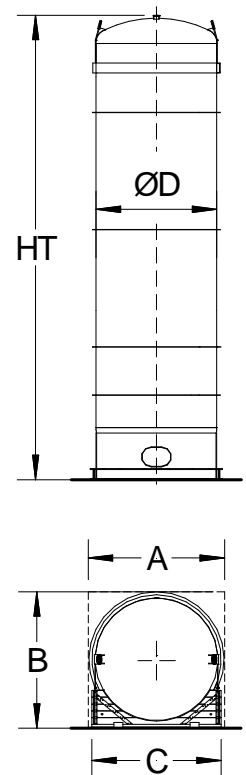
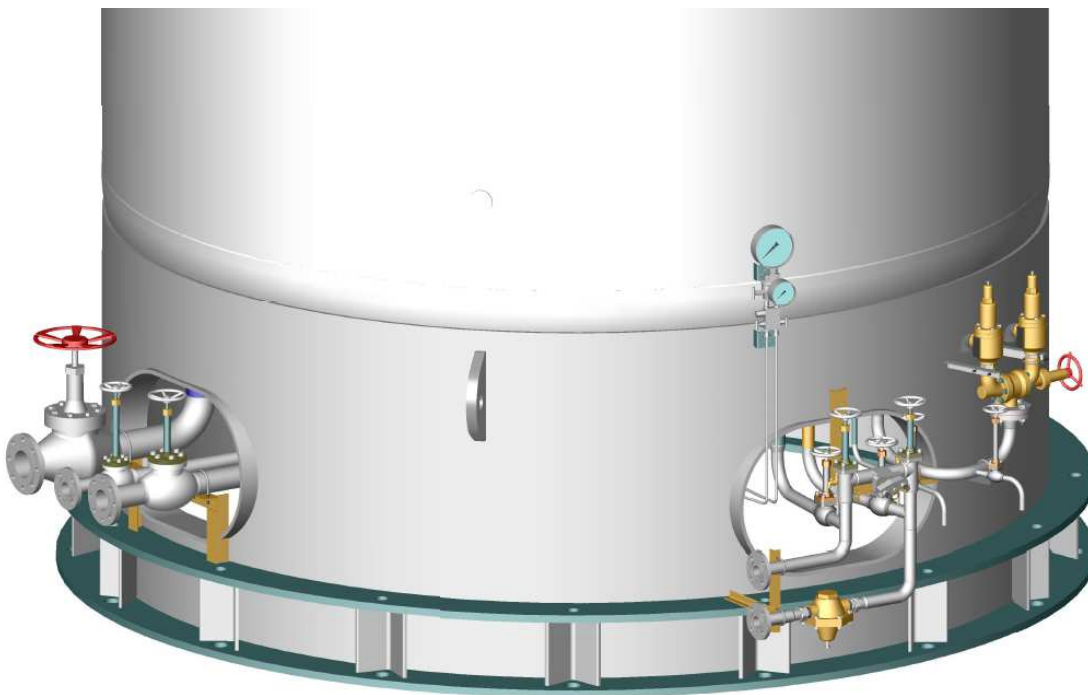


CRYOLOR introduces the latest generation vacuum isolated cryogenic tank, the **TGR Céline 3**, a new range of large capacity vertical tanks for liquid nitrogen, oxygen, argon and LNG service. This series is especially suited to large industrial gas consumers. The design of this equipment incorporates the reliability and modularity principles that have made the Céline range popular.

With a Maximum Allowable Working Pressure of **14 bar** ( $\approx 270$  psig), **TGR Céline 3** is designed in accordance with the European Pressure Directive **PED 97/23/CE** and **EN 13458**. **TGR Céline 3** are supported by skirt to resist high winds and earthquakes. The flow diagram is adapted to customized installation 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.
- **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	C110	C140	C160
Gross capacity (liters)	108 050*	133 010*	157 990*
Net capacity (liters)	105 890*	130 350*	154 830*
Daily evaporation rate O <sub>2</sub> (%)	0,12	0,11	0,10
Empty weight (kg)	35 200	40 300	45 800
Weight full Nitrogen (kg) - LIN	120 823	145 701	170 996
Weight full Oxygen (kg) - LOX	156 020	189 029	222 461
Weight full Argon (kg) - LAR	182 684	221 851	261 447
Weight full LNG (kg) with 10% gaseous phase	79 933	95 366	111 208
Continuous flow rate for 8 hours at 8 bar (Nm <sup>3</sup> /h)	4 500	4 500	4 500
Ø Diameter	3 600	3 600	3 600
HT height (mm)	15 900	18 900	21 850
A (mm)	4 000	4 000	4 000
B (mm)	4 000	4 000	4 000
C (mm)	3 800	3 800	3 800

\* ± 4%