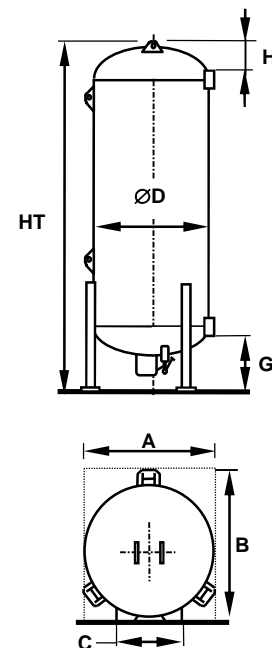
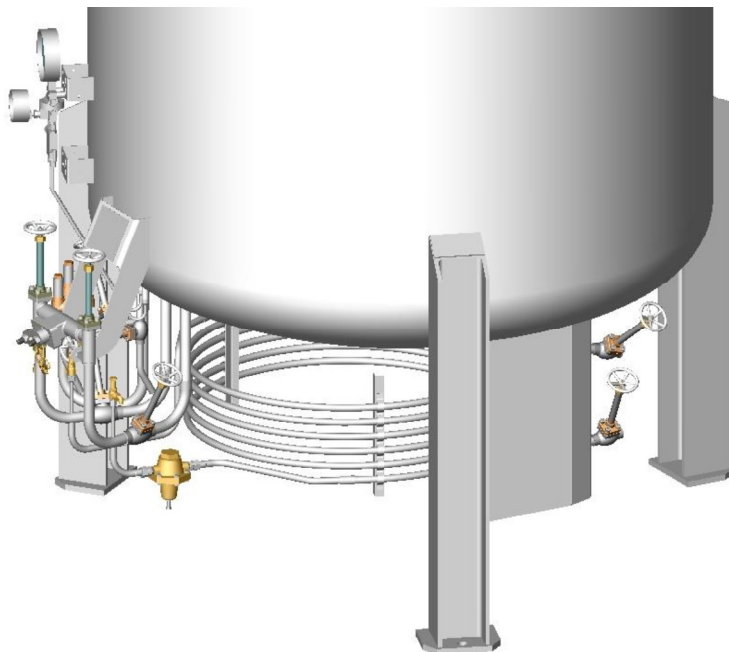


CRYOLOR introduces the latest generation vacuum isolated cryogenic thermosiphon tank, the **RVT Céline 3**, developed in partnership with leading cryogenic pump manufacturers. Specifically for cylinder filling systems, the **RVT Céline 3** is simply the most efficient, economical pumping solution for cutting costs by reducing product losses and pump maintenance. Available in a wide range of sizes with a Maximum Allowable Working Pressure of **17 bar** (≈ 250 psig), **RVT 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 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 | RVT6 | RVT10 | RVT21 | RVT27 | RVT33 | RVT53 | RVT63 |
|---|--------|--------|--------|--------|--------|--------|---------|
| Gross capacity (liters) * | 5 490 | 9 990 | 21 770 | 28 450 | 33 160 | 52 280 | 61 990 |
| Net capacity (liters) * | 5 210 | 9 490 | 20 682 | 27 028 | 31 502 | 49 666 | 58 891 |
| Daily evaporation rate O ₂ (%) | 0,32 | 0,26 | 0,22 | 0,20 | 0,18 | 0,15 | 0,13 |
| Empty weight (kg) | 3 800 | 5 800 | 9 400 | 11 500 | 13 800 | 19 300 | 22 100 |
| Weight full Nitrogen (kg) - LIN | 8 012 | 13 473 | 26 122 | 33 353 | 39 270 | 59 456 | 69 715 |
| Weight full Oxygen (kg) - LOX | 9 745 | 16 628 | 32 998 | 42 338 | 49 743 | 75 968 | 89 293 |
| Weight full Argon (kg) - LAR | 11 056 | 19 017 | 38 205 | 49 144 | 57 675 | 88 474 | 104 122 |
| Continuous flow rate for 8 hours at 1.5 bar at 0°C (liters /h) | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| Ø Diameter (mm) | 1 900 | 1 900 | 2 200 | 2 200 | 2 840 | 2 840 | 2 840 |
| HT height (mm) | 4 940 | 7 580 | 9 580 | 11 910 | 9 030 | 12 850 | 14 820 |
| H (mm) | 480 | 480 | 520 | 520 | 650 | 650 | 3 660 |
| G (mm) | 1 075 | 1 075 | 1 130 | 1 130 | 1 250 | 1 250 | 1 250 |
| A (mm) | 2 200 | 2 200 | 2 300 | 2 300 | 2 950 | 2 999 | 2 999 |
| B (mm) | 2 200 | 2 200 | 2 500 | 2 500 | 3 300 | 3 350 | 3 350 |
| C (mm) | 1 100 | 1 100 | 1 245 | 1 245 | 1 530 | 1 530 | 1 530 |

* ± 4%