

## 500 Liter Helium Container Specs Sheet

- No need for liquid nitrogen shielding or helium gas circulation.
- Built with lightweight yet robust construction to withstand transportation and daily wear and tear.
- Suitable for air transport.
- Constructed with welded seams for durability.
- Industry-leading low loss rates.
- All units feature an integral caster base for easy mobility.
- Manifolds are easily removable and interchangeable.
- Applicable for use with neon and various other liquid gases.
- Versatile applications encompass distribution, research, and liquefaction.
- All vessels are available with certifications including ASME, DOT, TPED, IATA, and PED.

|   |                                     |                       |                       |
|---|-------------------------------------|-----------------------|-----------------------|
|  | Net Capacity                        | 500 L                 | 500 L                 |
|   | Gross Capacity                      | 538L                  | 538 L                 |
|   | Weight (Empty)                      | 255.5 kg              | 562 lbs.              |
|   | Material of Construction            | 304 - Stainless Steel | 304 - Stainless Steel |
|   | N.E.R (Normal Evaporation Rate)     | .7 %                  | .7 %                  |
|   | Operation Pressure                  | 69 kPa                | 10 PSI                |
|   | Design Pressure <sup>2</sup>        | 172.5 kPa             | 25 PSI                |
|   | Neck ID                             | 53.4 mm               | 2.10"                 |
|   | Depth (Flange to Bottom)            | 1399 mm               | 55"                   |
|   | Outside Overall Diameter            | 1069 mm               | 42"                   |
|   | Height                              | 1857 mm               | 75"                   |
|   | Maximum Transfer Line O.D           | 19 mm                 | 3/4"                  |
|   | Minimum Transfer Line O.D           | 9.5 mm                | 3/8"                  |
|   | Transfer Line Length for Withdrawal | 1679 mm               | 66"                   |
|   | Minimum Fill Lance Length           | 814 mm                | 32"                   |
|   | Caster Size                         | 127 mm                | 5"                    |
| Vent Connection (MNPT)  |                                     | 1/2"                  |                       |