

# MVE Lab Series



The Lab Series cryogenic liquid dewars are named for their acceptance in laboratories and medical facilities worldwide. These high-efficiency, super insulated dewars are the most convenient, economical way to store and dispense liquid nitrogen. Many lab units can be fitted with pouring spouts, pressurized dispensing devices or dippers to aid in the transfer of liquid nitrogen.

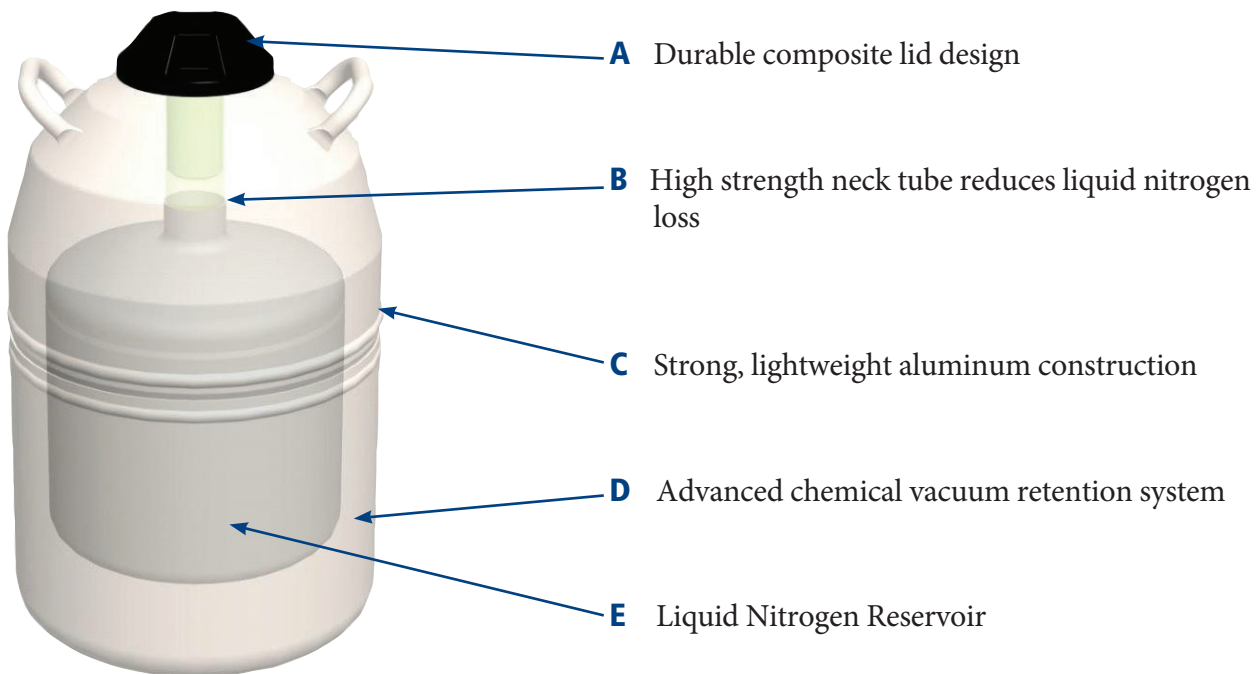
## Features Include:

- Designed for efficient storage of liquid nitrogen
- Low liquid nitrogen consumption
- Convenient lightweight package

Visit [www.chartbiomed.com](http://www.chartbiomed.com) for more information.

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## Tank Features



|                                | LAB 4      | LAB 5      | LAB 10     | LAB 20     | LAB 30     | LAB 50     |
|--------------------------------|------------|------------|------------|------------|------------|------------|
| <b>Performance</b>             |            |            |            |            |            |            |
| LN2 Capacity L                 | 4          | 5          | 10         | 20         | 32         | 50         |
| Static Evaporation Rate* L/day | 0.19       | 0.15       | 0.18       | 0.18       | 0.22       | 0.49       |
| <b>Unit Dimensions</b>         |            |            |            |            |            |            |
| Neck Opening in. (mm)          | 1.40 (35)  | 2.18 (56)  | 2.18 (56)  | 2.18 (56)  | 2.50 (64)  | 2.50 (64)  |
| Useable Height in. (mm)        | 7.8 (198)  | 10.5 (266) | 13.5 (343) | 13.7 (348) | 14.9 (378) | 22.0 (559) |
| Overall Height in. (mm)        | 16.8 (426) | 18.2 (462) | 21.5 (546) | 24.5 (622) | 24.0 (610) | 30.5 (775) |
| Outer Diameter in. (mm)        | 7.3 (185)  | 8.8 (222)  | 10.3 (260) | 14.5 (368) | 17.0 (432) | 17.0 (432) |
| Internal Diameter in. (mm)     | 5.5 (139)  | 6.5 (165)  | 8.3 (210)  | 11.4 (289) | 14.0 (356) | 14.0 (356) |
| Weight Empty lb. (kg)          | 6 (2.7)    | 8 (4)      | 12 (5.4)   | 19 (9)     | 25 (11.4)  | 31 (14)    |
| Weight Full lb. (kg)           | 13 (6)     | 17 (8)     | 31 (14)    | 55 (25)    | 82 (37.2)  | 120 (54.4) |

\* Static evaporation rate and static holding time are nominal. Actual rate and holding time will be affected by the nature of container use, atmospheric conditions, and manufacturing tolerances.

**CE** TWO Year Standard Warranty • FIVE Year Vacuum Warranty  
**0029** Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU.