



# MVE Lab Series



## Features include

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



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.

[www.chartbiomed.com](http://www.chartbiomed.com)  
844-MVE-CRYO



|  | LAB 4      | LAB 5       | LAB 10      | LAB 20      | LAB 30     | LAB 47       | LAB 50     |
|--|------------|-------------|-------------|-------------|------------|--------------|------------|
| <b>Performance</b>                       |            |             |             |             |            |              |            |
| <b>LN<sub>2</sub> Capacity L est.</b>    | 4          | 5           | 10          | 20          | 32         | 47           | 50         |
| <b>Static Evaporation Rate*</b><br>L/day | 0.19       | 0.15        | 0.18        | 0.18        | 0.22       | 0.39         | 0.49       |
| <b>Unit Dimensions</b>                   |            |             |             |             |            |              |            |
| <b>Neck Opening in. (mm)</b>             | 1.4 (35)   | 2.18 (55.4) | 2.18 (55.4) | 2.18 (55.4) | 2.5 (64)   | 5.0 (127)    | 2.5 (64)   |
| <b>Overall Height in. (mm)</b>           | 16.8 (426) | 18.2 (462)  | 21.5 (546)  | 24.5 (622)  | 24.0 (610) | 26.5 (673)   | 30.5 (775) |
| <b>Usable Height in. (mm)</b>            | 7.8 (198)  | 10.5 (266)  | 13.5 (343)  | 13.7 (348)  | 14.9 (378) | 16.8 (427)   | 22.0 (559) |
| <b>Outer Diameter in. (mm)</b>           | 7.3 (185)  | 8.8 (222)   | 10.3 (260)  | 14.5 (368)  | 17.0 (432) | 20.0 (508)   | 17.0 (432) |
| <b>Internal Diameter in. (mm)</b>        | 5.5 (139)  | 6.5 (165)   | 8.3 (210)   | 11.4 (289)  | 14.0 (356) | 16.5 (419)   | 14.0 (356) |
| <b>Weight Empty lb. (kg)</b>             | 6 (2.7)    | 8 (4)       | 12 (5.4)    | 19 (9)      | 25 (11.4)  | 42 (19)      | 31 (14)    |
| <b>Weight Full lb. (kg)</b>              | 13 (6)     | 17 (8)      | 31 (14)     | 55 (25)     | 82 (37.2)  | 120.4 (54.6) | 120 (54.4) |

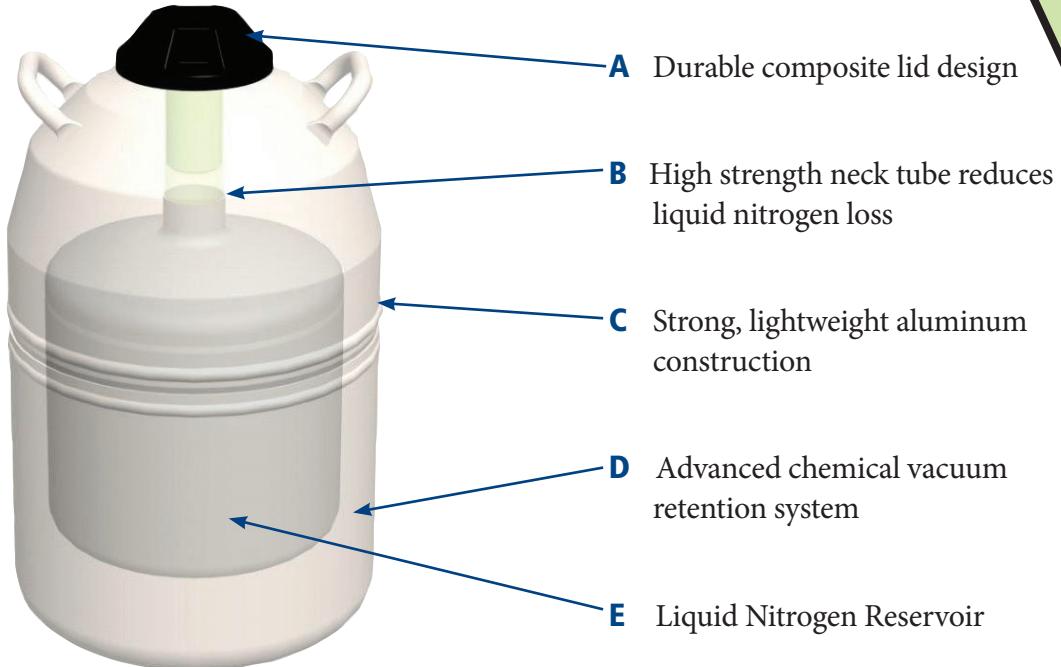
\* Static evaporation rate and static holding time are nominal. Actual rate and holding time will be affected by the nature of container use, atmospheric conditions, and manufacturing tolerances.

Note: The Lab Series is designed for liquid storage.

**TWO Year Parts Warranty • FIVE Year Vacuum Warranty**

Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU.

## Tank Features



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

© 2019 Chart Inc. reserves the right to discontinue its products, or change the prices, materials, equipment, quality, descriptions, specifications and/or processes to its products at any time without prior notice and with no further obligation or consequence. All rights not expressly stated herein are reserved by us, as applicable.