

# MVE Lab Series

The Lab Series cryogenic liquid dewars get their name from 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.

## Product Specifications



| MODEL                                | LAB 4      | LAB 5      | LAB 10     | LAB 20     |
|--------------------------------------|------------|------------|------------|------------|
| <b>Net Capacity L</b>                | 4          | 5          | 10         | 20         |
| <b>PERFORMANCE</b>                   |            |            |            |            |
| <b>Static Evaporation Rate L/day</b> | 0.19       | 0.15       | 0.18       | 0.18       |
| <b>UNIT DIMENSIONS</b>               |            |            |            |            |
| <b>Neck opening in (mm)</b>          | 1.4 (35.5) | 2.18 (56)  | 2.18 (56)  | 2.18 (51)  |
| <b>Usable height in (mm)</b>         | 7.8 (198)  | 10.5 (266) | 13.5 (343) | 13.7 (348) |
| <b>Overall height in (mm)</b>        | 16.8 (426) | 18.2 (462) | 21.5 (546) | 24.5 (622) |
| <b>Outside diameter in (mm)</b>      | 7.3 (185)  | 8.8 (222)  | 10.3 (260) | 14.5 (368) |
| <b>Internal diameter in (mm)</b>     | 5.5 (139)  | 6.5 (165)  | 8.3 (210)  | 11.4 (289) |
| <b>Weight empty lb. (kg)</b>         | 6 (2.7)    | 8 (4)      | 12 (5.4)   | 19 (9)     |
| <b>Weight full lb. (kg)</b>          | 13 (6)     | 17 (8)     | 31 (14)    | 55 (25)    |

## Accessories



Manual Discharge Device



Spare Plug



Cork



Pouring Spout



**LAB 30**

**LAB 50**

**SS 1.5L**

**SS 2.5L**

**SS 5L**

|            |            |           |            |            |
|------------|------------|-----------|------------|------------|
| 32         | 50         | 1.5       | 2.5        | 5          |
| 0.22       | 0.49       | N/A       | N/A        | N/A        |
| 2.5 (64)   | 2.5 (64)   | 5.9 (149) | 5.9 (149)  | 6 (152)    |
| 14.9 (378) | 22 (559)   | 3.8 (86)  | 5.6 (143)  | 14 (356)   |
| 24 (610)   | 30.5 (775) | 9.5 (242) | 11.8 (300) | 16.5 (419) |
| 17 (432)   | 17 (432)   | 8 (203)   | 8 (203)    | 8 (203)    |
| 14 (356)   | 14 (356)   | 6 (152)   | 6 (152)    | 6 (152)    |
| 25 (11.4)  | 31 (14)    | 6 (2.7)   | 8 (3.6)    | 11 (5)     |
| 82 (37.2)  | 120 (54.4) | 8.6 (3.9) | 12.5 (5.7) | 20 (9)     |

**FIVE Year Vacuum Warranty**

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



Gloves



Rigid Dipper



Swivel Dipper



Roller Base