

MVE Lab Series

Liquid Nitrogen Storage Containers



The Lab Series of cryogenic dewars earned 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.

Accessories:

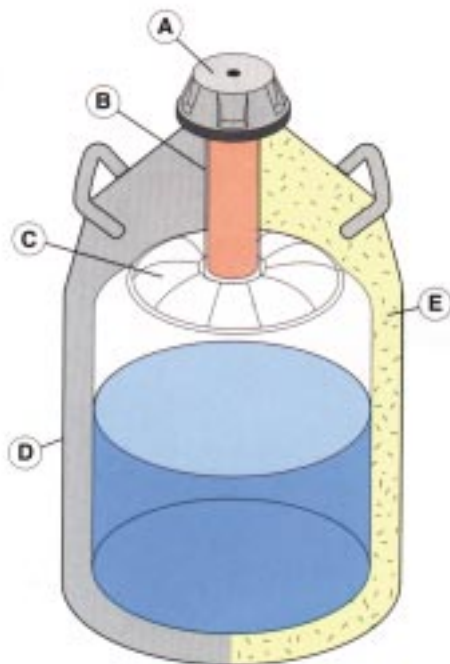
- Transfer Hose
- Phase Separator
- Pouring Spout
- Swivel Dipper
- Dipper
- Spare Corks
- Pressurized Discharge Device
- Caster Base



Lab Series Specifications

Specifications

MODEL	LAB 4	LAB 5	LAB 10	LAB 20	LAB 30	LAB 50	SS Transfer Unit
Net Capacity (liters)	4	5	10	21	32	50	5
PERFORMANCE							
Static Evaporation Rate (liters/day)	0.19	0.15	0.18	0.18	0.22	0.49	N/A
UNIT DIMENSIONS							
Neck opening (in/mm)	1.4 (35.5)	2.2 (56)	2.2 (56)	2 (51)	2.5 (64)	2.5 (64)	6 (152)
Usable height (in/mm)	7.8 (198)	10.5 (266)	13.5 (343)	13.7 (348)	14.9 (378)	22 (559)	14 (356)
Overall height (in/mm)	16.8 (426)	18.2 (462)	21.5 (546)	24.7 (627)	24.1 (611)	30.7 (779)	16.5 (419)
Outside diameter (in/mm)	7.3 (185)	8.8 (222)	10.3 (260)	14.5 (368)	17 (432)	17 (432)	8 (203)
Internal diameter (in/mm)	5.5 (139)	6.5 (165)	8.3 (210)	11.4 (289)	14 (356)	14 (356)	6 (152)
Weight empty (lbs/kg)	6 (2.7)	8 (4)	13 (6)	19 (9)	27 (12)	34 (15)	11 (5)
Weight full (lbs/kg)	13 (6)	17 (8)	31 (14)	56 (26)	84 (38)	123 (56)	20 (9)



- A Easy maintenance lid design
- B High strength neck tube reduces liquid nitrogen loss
- C Advanced Chemical Vacuum Retention System— designed for superior vacuum performance over the life of the product
- D Superior strength, lightweight aluminum construction
- E Insulation — MVE's advanced insulation system provides maximum thermal performance

Five year vacuum warranty