

# MVE LAB SERIES COMPARISON







## MVE Lab Series Dewars

The Lab Series Cryogenic Liquid Dewars from MVE, the leading global manufacturer of vacuum insulated products and cryogenic systems, are designed for efficient storage of liquid nitrogen for use in animal breeding facilities, laboratories, and medical facilities worldwide.




This high-efficiency, insulated Lab Series dewars are the most convenient, economical way to store and dispense liquid nitrogen. These units can be fitted with pouring spouts, pressurized dispensing devices, or dippers to aid in the transfer of liquid nitrogen.

### Principal Features

- Designed for efficient storage of liquid nitrogen
- Versatile package and sizes customize dispensing to your requirements
- Low liquid nitrogen consumption
- Convenient, lightweight package
- 2-year parts warranty
- 5-year vacuum warranty

SPECIFICATIONS							
Model	Unit	Lab 5	YDS-6L	Lab 10	YDS-10L	Lab 20	YDS-20L
Capacity	L	5.0	6.0	10.0	10.0	20.0	20.0
Empty Weight	lb. (kg)	8 (4)	11 (5.0)	12 (5.4)	13.6 (6.2)	19 (9)	24.7 (11.2)
Neck Diameter	in. (mm)	2.18 (55.4)	1.9 (50)	2.18 (55.4)	1.9 (50)	2.18 (55.4)	1.9 (50)
Outer Diameter	in. (mm)	8.8 (222)	11.2 (287)	10.3 (260)	11.9 (303)	14.5 (368)	16.1 (409)
Height	in. (mm)	18.2 (462)	17.1 (435)	21.5 (546)	20.8 (530)	24.5 (622)	25.6 (650)
Static Evaporation Rate	L/day	0.15	.012	0.18	.010	0.18	0.10

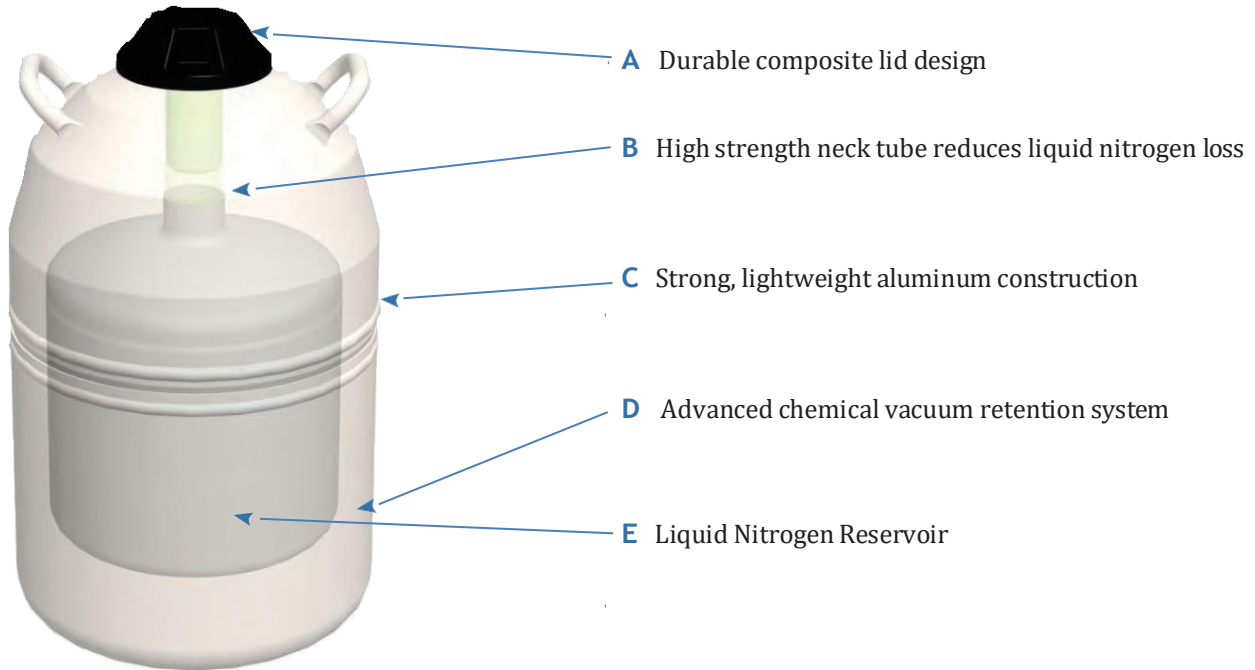
  

SPECIFICATIONS							
Model	Unit	Lab 30	YDS-30L	Lab 47	YDS-35L	Lab 50	YDS-50L
Capacity	L	32.0	31.5	47.0	35.5	50.0	50.0
Empty Weight	lb. (kg)	25 (11.4)	28.4 (12.9)	42 (19)	30.4 (13.8)	31 (14)	46.5 (21.1)
Neck Diameter	in. (mm)	2.5 (64)	1.9 (50)	5.0 (127)	1.9 (50)	2.5 (64)	1.9 (50)
Outer Diameter	in. (mm)	17.0 (432)	17.5 (446)	20.0 (508)	18.6 (473)	17.0 (432)	19.6 (500)
Height	in. (mm)	24.0 (610)	26.3 (670)	26.5 (673)	26.7 (680)	30.5 (775)	31.7 (805)
Static Evaporation Rate	L/day	0.22	0.10	.039	.011	0.49	0.20

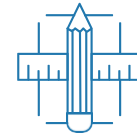


# MVE YDS-L Features

## Tank Features



Quality is in our DNA. All our global factories are ISO 13485 certified.



Designed to fit your needs, by our experts in New Prague, Minnesota - USA



Specifically engineered for farm use to perform in the most challenging conditions



5-year vacuum warranty  
2-year parts warranty

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