



Liquid Dewars

For convenient short-term storage of liquid nitrogen.

The phasetwo D series provides customers with the latest technology in the traditional sizes accommodating the new Liquid Withdrawal Device (LWD) suitable for the 25 through 50-liter models. The design provides a quick and easy half turn secure attachment of the Liquid Withdrawal Device.

Our premium multi-layer insulation and other materials, together with the latest vacuum technology systems provides the leading industry performance. Engineering utilized finite element analysis, with specific testing to create durable aluminum dewars suitable for today's requirements.



FEATURES

- **Designed for easy liquid withdrawal, device installation, and removal.**
- **Premium materials provide industry leading LN2 performance**
- **Ergonomic handle design**

Limited Warranty:

- **Vacuum**
 - HCHE Series /HC Series/CCF-CRF Series/LT Series/D Series - Five (5) Years
 - VS Series - Three (3) Years
- **Materials & Workmanship - Two (2) Years**
- **Parts & Accessories - Ninety (90) Days**



phasetwo®

GENERAL SPECIFICATIONS

D-Series Model	D4	D5	D10	D25	D35	D50
LN2 Capacity (L)	4.6	5	10	25	35	50
Outer Diameter (in/mm)	10.41(264)	9.2(234)	11.4(290)	14.5(368)	18.8 (448)	18.8 (448)
Overall Height (in/mm)	18.88(480)	15.34(390)	23.8(603)	25.9(657)	26.1 (663)	32.6 (828)
Neck Opening (in/mm)	1.40(36)	1.40(36)	2.19(56)	2.5(64)	2.5 (64)	2.5 (64)
Weight Empty (lbs/kg)	6.1(2.8)	6.6(3.0)	15.0(6.80)	25(11.3)	35 (15.9)	39 (17.7)
Weight Full (lbs/kg)	14.3(6.5)	15.5(7.0)	32.8(14.9)	64.6(29.3)	97.4 (44.3)	128 (58.2)
Evaporation Rate (L/day)	0.4	0.4	0.21	0.23	0.23	0.41
Static Holding Time (days)	11	13	47	120	152	122

