



phasetwo®

VS Series: Cryogenic Transport Built for Every Scale

The Phasetwo VS Series delivers advanced cryogenic shipping solutions for the cell and gene therapy market—whether supporting early-stage clinical trials or scaling up for commercial production. Engineered for reliability, visibility, and performance, these vapor shippers ensure high-value therapies arrive intact and compliant.

VS8-2: Lower Profile for Freight Efficiency

Ideal for clinical trials and global distribution, the VS8-2 offers a compact, low-profile design that fits better in freight carriers—reducing logistical costs and simplifying handling. Despite its smaller size, it delivers up to 15 days static hold time and 13 days horizontal hold time, maintaining cryogenic integrity even when tipped.

VS10-2: High Capacity for High Volume Commercial Scale

For large-scale operations, the VS10-2 delivers 10 L LN₂ capacity and extended performance for high-volume shipments. With up to 14 days static hold time and 12 days horizontal hold time, it ensures maximum reliability for commercial production.



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Each model features:

- Premium multi-layer insulation and advanced vacuum technology for industry-leading LN₂ performance
- Rapid charging for operational efficiency
- Optional Integrated Sendum In-Transit Monitoring System for real-time temperature and location visibility
- Stackable, lockable shipping cases with secure foam lining
- Compliance with IATA PI202 regulations for global air transport



VS10-2

VS8-2



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SPECIFICATION COMPARISON



Feature	VS8-2	VS10-2	DV-10	IATA Cryoshipper XC
LN ₂ Capacity (L)	8	10	10	10
Dimensions (Diameter × Height)(in)	16 × 20.2	16 × 27.3	15.5 × 30.5	15 × 23
Neck Opening (in)	7	8.5	8.5	8.5
Weight Charged (lbs)	43.2	56.6	76	49
Static Hold Time (days)	15	14	15	14
Horizontal Hold Time (days)	13	12	3	10.5
Payload Options	Blood Bags (11x 250, 50ml); 2in Vial Boxes (2)	Blood Bags (11x 250, 500, 750, 50ml); 2in Vial Boxes (5)	Blood Bags (9x250ml); Vial Boxes (4)	Blood Bags (10x 250); Vial Boxes (5)
Other Features	Stackable, Custom Colors, Smaller Form Factor	Stackable, Custom Colors, Secondary Racking Container	Lease Model, Heavy Case, Wheels	Mushroom Shipper, Third Party Monitoring, Hex Secondary Container