

# MVE CryShipper QWick™ & Vapor Series



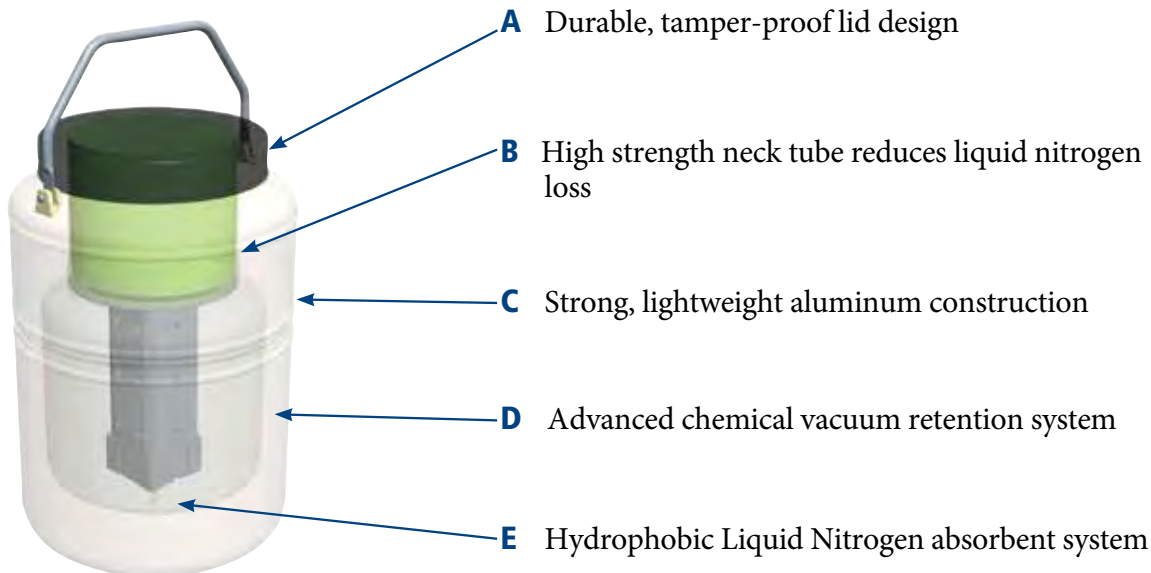
MVE Vapor Shippers are designed for the safe transportation of biological samples at cryogenic (-150°C or colder) temperatures. MVE CryShipper QWick Series utilizes an absorbent wicking material that charges with liquid nitrogen in fewer than two hours, providing the capacity for same-day vapor shipping. Manufactured from durable, lightweight aluminum, both series employ a hydrophobic compound which absorbs the liquid nitrogen to ensure dry, spill-free vapor-phase shipping.

A protective shipping carton is available for all models (except the SC 20/12V). These containers may be used to ship your samples with a “non-hazardous” classification throughout the world, thus reducing costs and helping to assure sample viability.

## Features Include:

- Protective shipping carton to ensure upright shipping
- Low liquid nitrogen consumption
- Convenient lightweight package
- QWick Series CHARGES IN LESS THAN TWO HOURS

## Tank Features



- A** Durable, tamper-proof lid design
- B** High strength neck tube reduces liquid nitrogen loss
- C** Strong, lightweight aluminum construction
- D** Advanced chemical vacuum retention system
- E** Hydrophobic Liquid Nitrogen absorbent system

CryoShipper QWick Series	QWick 6/9	QWick 10/100	QWick 14/48	QWick 62/180		QWick 14/24		QWick 9/500	QWick 10/950		
Static Holding Time Days	6	10	14	62		14		9	10		
Vapor Series	SC 2/1V	SC 4/2V	SC 4/3V	SC 20/12V	XC 20/3V**	Mini Moover	CryoShipper Mini	Cryo Moover	Cryo Shipper	Cryo Shipper XC	IATA
Static Holding Time Days	8	13	21	85	16	14	12	7	14	10	14

### Maximum Storage Capacity

No. of Canisters	1	1	1	6	4 + 1 Center	1	7	-	-	1 Rack	Secondary Container
No. of 1/2 cc Straws 10/cane	-	260	130	540	2500/2000**	60	3080	-	-	-	-
No. of 1/2 cc Straws 1 Level Bulk	88	440	210	780	3750/3000**	88	4354	-	-	-	-
No. of 1/4 cc Straws 1 Level Bulk	182	880	420	1630	7410/6000	185	-	-	-	-	-
No. of 1.2 & 2.0 ml Vials 5/cane	-	95	40	150	675/560**	20	945	-	-	-	-
No. of 1.2 & 2.0 ml Vials 6/cane	9	106	48	180	840/672**	24	1134	-	966 (Bulk)	500	-
No. of blood bags stored 4R9953	-	-	-	-	-	-	-	-	10	10	-

### Performance

LN2 Capacity L	1.5	3.6	4.3	12.3	6.8	2.9	4.2	5.9	10.0	8.5	11.8
Static Evaporation Rate* L/day	0.19	0.26	0.20	0.09	0.35	0.20	0.35	0.84	0.80	0.85	0.80

### Unit Dimensions

Neck Opening in. (mm)	1.40 (35.0)	2.75 (70.0)	2.00 (51.0)	2.00 (51.0)	3.81 (96.7)	1.40 (35.0)	3.80 (97.0)	8.50 (216.0)	8.50 (216.0)	8.50 (216.0)	8.50 (216.0)
Overall Height in. (mm)	13.5 (343)	18.4 (468)	19.4 (492)	25.7 (652)	25.0 (635)	19.5 (495)	22.0 (558)	20.0 (508)	23.0 (584)	21.5 (546)	24.0 (610)
Outer Diameter in. (mm)	7.25 (184)	8.70 (222)	8.70 (222)	14.50 (368)	14.50 (368)	7.20 (184)	18.30 (464)	11.60 (295)	15.00 (381)	14.50 (369)	15.00 (381)
Canister Height in. (mm)	5.0 (127)	11.0 (278)	11.0 (278)	11.0 (278)	11.0 (278)	11.0 (278)	11.0 (278)	-	12.5 (317.5†)	-	8.5 (215)
Canister Diameter in. (mm)	1.20 (31)	2.62 (67)	1.81 (46)	1.50 (38)	3.20 (80)	1.20 (31)	3.10 (79)	-	-	-	7.50 (190)
Weight Empty lb. (kg)	6.0 (2.7)	11.0 (5.0)	13.0 (5.9)	30.0 (13.6)	28.4 (12.9)	8.0 (3.6)	30.5 (13.8)	16.5 (7.5)	31.0 (14.1)	26.2 (11.9)	29.0 (131.0)
Weight Full lb. (kg)	8.8 (4.0)	17.0 (7.7)	20.6 (9.3)	52.0 (23.6)	38.4 (17.4)	11.6 (5.3)	38.0 (17.2)	34.3 (15.5)	48.0 (21.8)	41.3 (18.7)	50.5 (22.9)

\* Static evaporation rate and static holding time are nominal. Actual rate and holding time will be affected by the nature of container use, atmospheric conditions, and manufacturing tolerances.

\*\* With center absorbent canister (3 week holding time)

† Usable Height

THREE Year Vacuum Warranty

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