

MVE CryoShipper QWick™ & Vapor Series



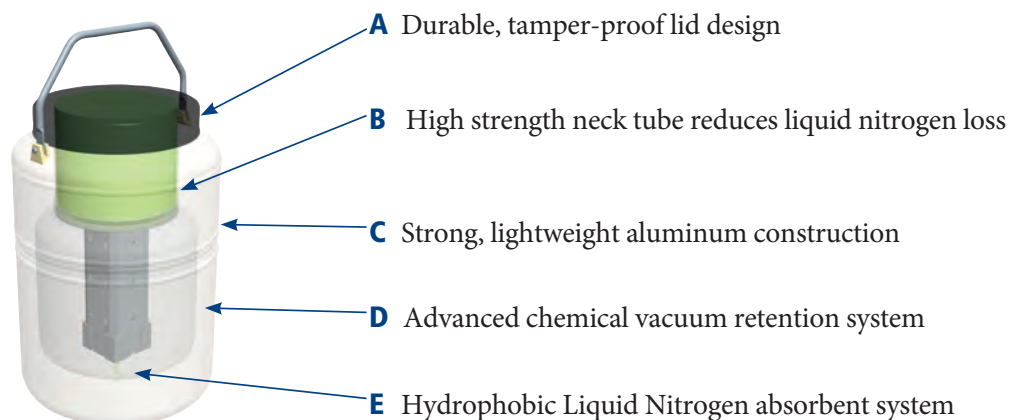
MVE Vapor Shippers are designed for the safe transportation of biological samples at cryogenic (-150°C or colder) temperatures. MVE CryoShipper QWick Series utilizes an absorbent wicking material that charges with liquid nitrogen in fewer than two hours, providing the capacity for same-day vapor shipping. 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



| 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 |
| Weight Empty lb. (kg) | 6.0 (2.7) | 10.0 (4.5) | 11.0 (5.0) | 25.0 (11.3) | 8.5 (3.9) | 25.2 (11.6) | 31.5 (14.3) |
| Weight Charged lb. (kg) | 8.0 (3.6) | 17.0 (7.7) | 18.0 (8.2) | 43.0 (19.5) | 13.5 (6.1) | 39.0 (17.7) | 50.0 (22.7) |
| Weight Full lb. (kg) | 9.0 (4.1) | 20.0 (9.1) | 22.0 (10.0) | 56.5 (25.6) | 15.0 (6.8) | 54.5 (24.7) | 72.0 (32.7) |

| Vapor Series | SC 2/1V | SC 4/2V | SC 4/3V | SC 20/12V | XC 20/3V** | Mini Moover | Cryo-Moover | Cryo Shipper Mini | Cryo Shipper | Cryo-Shipper XC | IATA |
|--------------------------|-----------|------------|------------|-------------|-------------|-------------|-------------|-------------------|--------------|-----------------|-------------|
| Static Holding Time Days | 8 | 13 | 21 | 85 | 16 | 14 | 12 | 7 | 10 | 14 | 14 |
| Weight Empty lb. (kg) | 6.0 (2.7) | 10.0 (4.5) | 11.0 (5.0) | 25.0 (11.3) | 25.0 (11.3) | 9.0 (4.1) | 30.5 (13.8) | 23 (10.4) | 26.2 (11.9) | 33.0 (15.0) | 33.0 (15.0) |
| Weight Charged lb. (kg) | 8.0 (3.6) | 15.5 (7.0) | 17.0 (7.7) | 43.0 (19.5) | 43.0 (19.5) | 12.5 (5.7) | 37 (16.8) | 32 (14.5) | 41.3 (18.7) | 50.5 (22.9) | 50.5 (22.9) |
| Weight Full lb. (kg) | 9.0 (4.1) | 20.0 (9.1) | 21.0 (9.5) | 56.5 (25.6) | 38.4 (17.4) | 15.5 (7.0) | 87 (39.5) | 45 (20.4) | 54.5 (24.7) | 73.0 (33.1) | 73.0 (33.1) |

| 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 | - | 280 | 120 | 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 | 938 | 452 | 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 | - | 500 | 966 (Bulk) | - |
| 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 | 8.5 | 10.0 | 11.8 |
| Static Evaporation Rate* L/day | 0.19 | 0.26 | 0.20 | 0.09 | 0.35 | 0.20 | 0.35 | 0.84 | 0.85 | 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) | 21.5 (546) | 23.0 (584) | 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) | 14.50 (369) | 15.00 (381) | 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) |

* Without inventory

‡ Usable Height

THREE Year Vacuum Warranty

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