

MVE XC Series

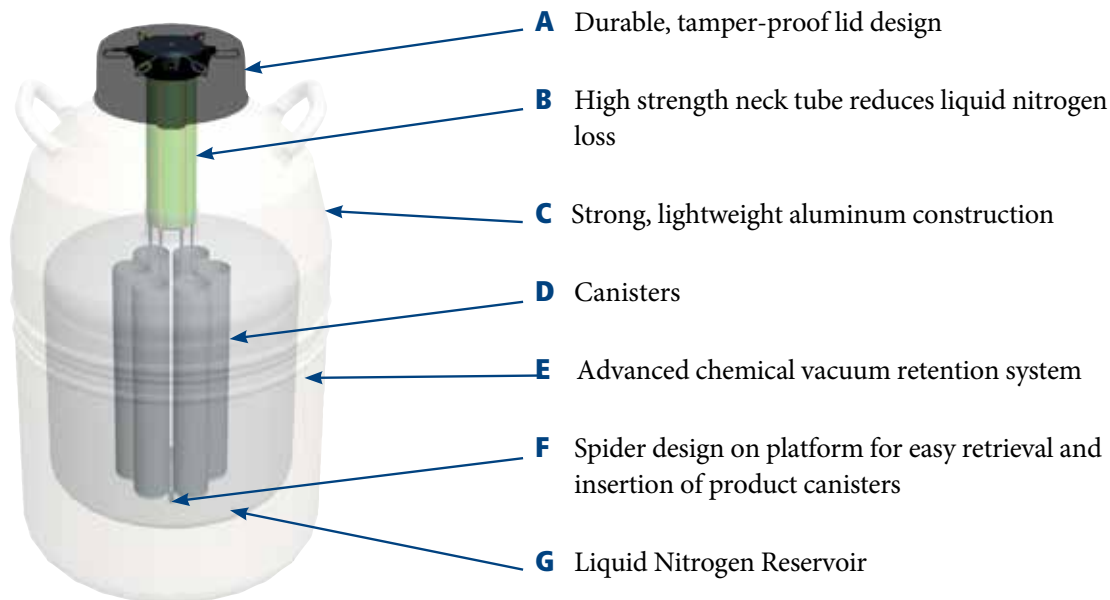


MVE XC Series tanks have capacities ranging from 700–5000 straws and 150 to over 1000 vials. Manufactured to a world class level of excellence and backed by an industry-leading 5 year vacuum warranty, these durable, lightweight units can be relied on to perform in the most demanding of environments.

Features Include:

- Designed for large capacity storage
- Low liquid nitrogen consumption
- Convenient lightweight package

Tank Features



| | XC 20 Millennium | XC 21/6 | XC 22/5 | XC 32/8 | XC 33/22 | XC 34/18 | XC 34/18 Plus*** | XC 43/28 | XC 47/11-6SQ | XC 47/11-6 | XC 47/11-10 |
|--|------------------|---------|---------|---------|----------|----------|------------------|----------|--------------|------------|-------------|
|--|------------------|---------|---------|---------|----------|----------|------------------|----------|--------------|------------|-------------|

Maximum Storage Capacity

| | | | | | | | | | | | |
|--------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Number of Canisters | 6 | 9 | 6 | 9 | 6 | 6 | 6 | 6 | 6 sq. | 6 | 10 |
| Number of 1/2 cc Straws 10/cane | 660 | N/A | 2,400 | 2,520 | 1,260 | 2,100 | 2,100 | 1,260 | - | 3,900+ | 3200 |
| Number of 1/2 cc Straws 1 Level Bulk | 879 | 3,870 | 3,666 | 3,960 | 1,764 | 3,300 | 3,300 | 1,764 | - | 6,200 | 5,000 |
| Number of 1.2 & 2.0 ml Vials 5/cane | 210 | N/A | 810 | 855 | 360 | 630 | 630 | 360 | - | 1,320 | 1,050 |
| Number of Racks 25 Vials | - | - | - | - | - | - | - | - | 750 | - | - |

Performance

| | | | | | | | | | | | |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| LN2 Capacity L | 20.5 | 21.0 | 22.4 | 32.0 | 33.4 | 34.8 | 67.5 | 42.2 | 47.4 | 47.4 | 47.4 |
| LN2 Capacity Below Spider L | - | - | - | - | - | - | 32.7 | - | - | - | - |
| Static Evaporation Rate* L/day | .095 | 0.35 | 0.35 | 0.35 | 0.14 | 0.18 | 0.31 | 0.14 | 0.39 | 0.39 | 0.39 |
| Normal Working Duration**, Full Days | 135 | 38 | 40 | 57 | 154 | 123 | 136 | 193 | 76 | 76 | 76 |

Unit Dimensions

| | | | | | | | | | | | |
|--|-------------|-------------|------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| Neck Opening in. (mm) | 2.18 (55) | 3.50 (89) | 3.81 (97) | 3.81 (97) | 2.75 (70) | 3.50 (89) | 3.50 (89) | 2.75 (70) | 5.00 (127) | 5.00 (127) | 5.00 (127) |
| Overall Height in. (mm) | 25.7 (652) | 17.2 (438) | 22.0 (559) | 21.5 (546) | 26.0 (660) | 26.6 (675) | 37.5 (952) | 26.4 (670) | 26.5 (673) | 26.5 (673) | 26.5 (673) |
| Overall Inner Height in. (mm) | - | - | - | - | - | - | 33.5 (850) | - | - | - | - |
| Outer Diameter in. (mm) | 14.5 (368) | 18.2 (464) | 14.5 (368) | 18.2 (464) | 18.2 (464) | 18.2 (464) | 18.2 (464) | 20.0 (508) | 20.0 (508) | 20.0 (508) | 20.0 (508) |
| Canister Height in. (mm) | 11 (279) | 5 (127) | 11 (279) | 11 (279) | 111 (279) | 11 (279) | 11 (279) | 11 (279) | - | 11 (279) | 11 (279) |
| Canister Diameter in. (mm) | 1.65 (41) | 2.59 (68) | 3.09 (79) | 2.62 (67) | 2.22 (56) | 2.8 (71) | 2.81 (71) | 2.22 (56) | - | 4.00 (102) | 2.81 (71) |
| Distance: Platform to Top of Neck in. (mm) | - | - | - | - | - | - | 21 (533) | - | - | - | - |
| Weight Empty lb. (kg) | 23 (10.5) | 24 (10.9) | 26 (11.8) | 30 (13.6) | 34 (15.4) | 34 (15.4) | 45.9 (20.8) | 36 (16.4) | 42 (19.0) | 42 (19.0) | 42 (19.0) |
| Weight with Canisters lb. (kg) | - | - | - | - | - | - | 45.9 (20.8) | - | - | - | - |
| Weight Full lb. (kg) | 59.5 (27.0) | 61.4 (27.9) | 66.0 (30) | 87.0 (39.5) | 94.0 (42.5) | 96.0 (43.5) | 104.4 (47.3) | 111.0 (50.5) | 120.4 (54.6) | 120.4 (54.6) | 120.4 (54.6) |

* 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.

** Normal Working Duration is an arbitrary reference, to estimate container performance under normal operating conditions. Actual working time may vary due to current atmospheric conditions, container history, manufacturing tolerances and any individual patterns of use.

*** Weight full determined with LN2 level at bottom of canisters.

TWO Year Standard Warranty • FIVE Year Vacuum Warranty
Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU.