

MVE XC Series

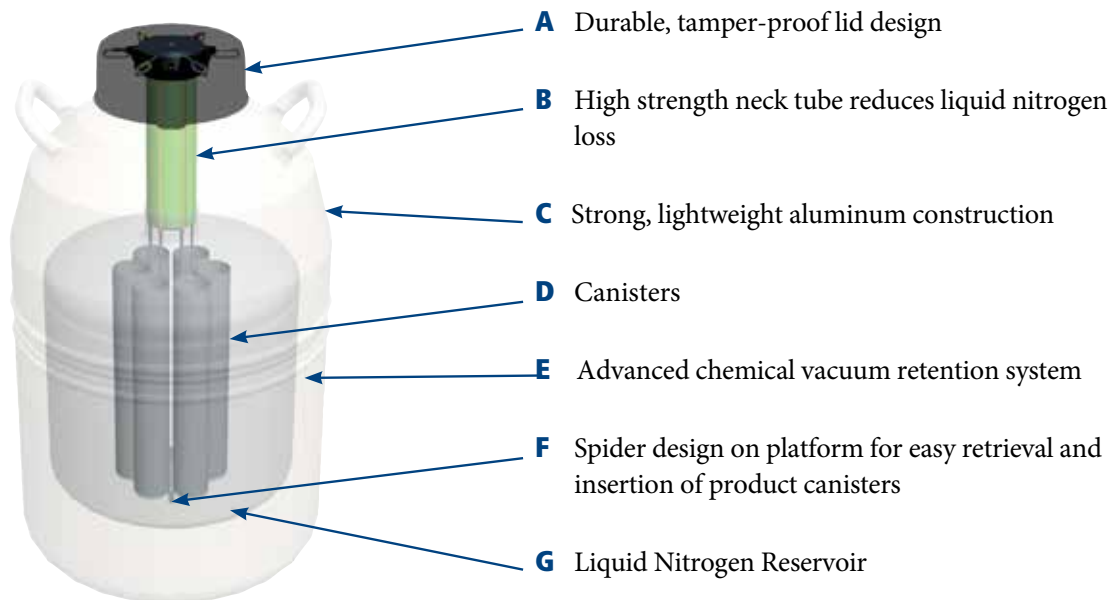


MVE XC Series tanks have capacities ranging from 700–5000 straws and 150 to over 1000 vials. Manufactured to a world class level of excellence and backed by an industry-leading 5 year vacuum warranty, these durable, lightweight units can be relied on to perform in the most demanding of environments.

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.