



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. The XC Series is designed for the user who requires large capacity storage and low liquid nitrogen consumption in a convenient lightweight package.

PRODUCT SPECIFICATIONS

MODEL	XC Millen- nium 20	XC 21/6	XC 2 2/5	XC 3 2/8	XC 33/22	XC 34/18	XC 43/28	XC 47/11-6SQ	XC 47/11-6	XC 47/11-10
MAX. STORAGE CAPACITY										
Number of canisters	6	9	6	9	6	6	6	6 sq.	6	10
No. of 1/2 cc straws (10/cane)	720	N/A	2,400	2,520	1,260	2,100	1,260	-	4,500	3,500
No. of 1/2 cc straws (1 Level Bulk)	1122	3,870	3,666	3,960	1,764	3,000	1,764	-	6,216	5,000
No. of 1.2 & 2.0 ml vials (5/cane)	210	N/A	810	855	360	630	360	-	1,320	1,050
No. of Racks (25 Vials)	-	-	-	-	-	-	-	750	-	-
PERFORMANCE										
Liquid nitrogen capacity (liters)	20.5	21	22.4	32	33.4	34.8	42.2	47.4	47.4	47.4
Static evaporation rate (lit/day)*	.095	.25	0.35	0.35	0.14	0.18	0.14	0.39	0.39	0.39
Normal Working Duration (days)**	140	53	40	57	154	123	193	76	76	76
UNIT DIMENSIONS										
Neck opening (in/mm)	2.18 / 55.4	3.5 / 89	3.81 / 97	3.81 / 97	2.75 / 70	3.5 / 89	2.75 / 70	5 / 127	5 / 127	5 / 127
Overall height (in/mm)	25.7 / 652	17.2 / 438	22 / 559	21.5 / 546	26 / 660	26.6 / 675	26.4 / 670	26.5 / 673	26.5 / 673	26.5 / 673
Outside diameter (in/mm)	14.5 / 368	18.2 / 464	14.5 / 368	18.2 / 464	18.2 / 464	18.2 / 464	20 / 508	20 / 508	20 / 508	20 / 508
Canister height (in/mm)	11 / 279	5 / 127	11 / 279	11 / 279	11 / 279	11 / 279	11 / 279	-	11 / 279	11 / 279
Canister diameter (in/mm)	1.65 / 41.9	2.75 / 70	3.09 / 79	2.62 / 67	2.22 / 56	2.81 / 71	2.22 / 56	-	4 / 102	2.81 / 71
Weight empty (lbs/kg)	23 / 10.5	30 / 13.6	26 / 11.8	30 / 13.6	34 / 15.4	34 / 15.4	36 / 16.4	42 / 19	42 / 19	42 / 19
Weight full (lbs/kg)	59.5 / 27	62.5 / 28.3	66 / 30	87 / 39.5	94 / 42.5	96 / 43.5	111 / 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.

FIVE Year Vacuum Warranty

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