

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 Millennium 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
MAXIMUM 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

MVE SC Series



MVE offers the widest range of compact aluminum storage tanks available on the market today. Whatever the application, you will find the perfect solution within the XC and SC product lines. Over the past 40 years, our product designs have benefited from end-user input and have evolved into a unique selection of units. Each unit is perfectly designed for various applications.

PRODUCT SPECIFICATIONS

MODEL	SC 3/3	SC 8/5	SC 11/7	SC 16/11	SC Millennium 20	SC 20/20	SC 36/32	SC 33/26
MAXIMUM STORAGE CAPACITY								
Number of canisters	6	6	6	9	6	6	6	6
No. of 1/2 cc straws (10/cane)	-	-	540	-	540	540	540	540
No. of 1/2 cc straws (1 Level Bulk)	732	732	732	1098	780	780	780	780
No. of 1.2 & 2.0 ml vials (5/cane)	-	-	150	-	150	150	150	150
No. of Racks (25 Vials)	-	-	-	-	-	-	-	-
PERFORMANCE								
Liquid nitrogen capacity (liters)	3.6	8.4	11.0	16.4	20.5	20.5	36.5	33
Static evaporation rate (lit/day)*	0.12	0.15	0.15	0.14	.095	0.09	0.10	0.13
Normal Working Duration (days)**	19	35	46	74	135	142	224	182
UNIT DIMENSIONS								
Neck opening (in/mm)	2 / 51	2 / 51	2 / 51	2 / 51	2.18 / 55.4	2 / 51	2 / 51	2 / 51
Overall height (in/mm)	16 / 406	18.5 / 470	21.6 / 549	17.5 / 444	25.7 / 652	25.7 / 652	27.2 / 690	25.9 / 657
Outside diameter (in/mm)	8.7 / 222	10.2 / 260	10.2 / 260	17.2 / 438	14.5 / 368	14.5 / 368	18.2 / 464	18.2 / 464
Canister height (in/mm)	5 / 127	5 / 127	11 / 279	5 / 127	11 / 279	11 / 279	11 / 279	11 / 279
Canister diameter (in/mm)	1.5 / 38	1.5 / 38	1.5 / 38	1.5 / 38	1.5 / 38	1.5 / 38	1.5 / 38	1.5 / 38
Weight empty (lbs/kg)	8 / 3.6	12 / 5.3	17 / 7.7	14 / 6.4	23 / 10.5	26 / 11.8	34 / 15.4	34 / 15.4
Weight full (lbs/kg)	14.4 / 65	27 / 121	36.6 / 16.6	43 / 19.6	59.5 / 27	62.5 / 28.3	100 / 44.8	93.4 / 42.4

* 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.

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