

MVE XC Series

Aluminum Storage Tanks



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.

ACCESSORIES:

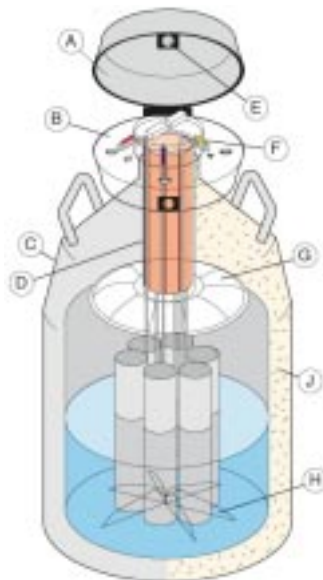
- Caster Base
- Spare Corks
- Canister
- Liquid Level Measuring Stick
- Transfer Hose
- Square Racks (47/11-6 only)
- Liquid Level Alarm
- Phase Separator
- Plastic Boxes



MVE XC Series

Specifications

MODEL	XC 20	XC 21/6	XC 22/5	XC 32/8	XC 33/22	XC 34/18	XC 43/28	XC47/11-6SQ	XC 47/11-6	XC 47/11-10
MAX. STORAGE CAPACITY	Millennium									
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 vials (25 cell boxes)	-	-	-	-	-	-	-	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



- A Durable, tamper-proof lid design
- B Easy maintenance lid design
- C Superior strength, lightweight aluminum construction
- D High strength neck tube reduces liquid nitrogen loss
- E Locking tab
- F Color-coded canister/lid numbering system
- G Advanced Chemical Vacuum Retention System - designed for superior vacuum performance over the life of the product
- H Spider design - for easy retrieval and insertion of product canisters
- J Insulation - MVE's advanced insulation system provides maximum thermal performance

Five Year Vacuum Warranty

MVE Bio-Medical Division, Chart Industries, Inc.
 3505 County Road 42 West, Burnsville, MN 55306-3803 U.S.A.
 Phone: 952-882-5000 . 888-683-2796 Local Fax: 952-882-5172 . www.chartbiomed.com

