

# MVE SC Series

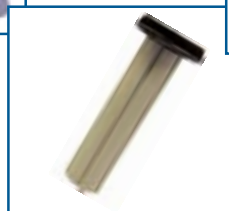
## Aluminum Storage Tanks



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.

#### ACCESSORIES:

- Caster Base
- Spare Corks
- Canister
- Liquid Level Measuring Stick
- Transfer Hose
- Level Alarm
- Phase Separator



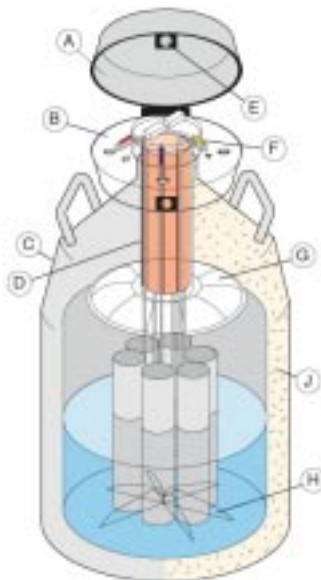
# MVE SC Series

## 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
<b>MAX. STORAGE CAPACITY</b>								
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)	-	-	-	-	-	-	-	-
<b>PERFORMANCE</b>								
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
<b>UNIT DIMENSIONS</b>								
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 / 12.1	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.



- 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**

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