

MVE SC Series

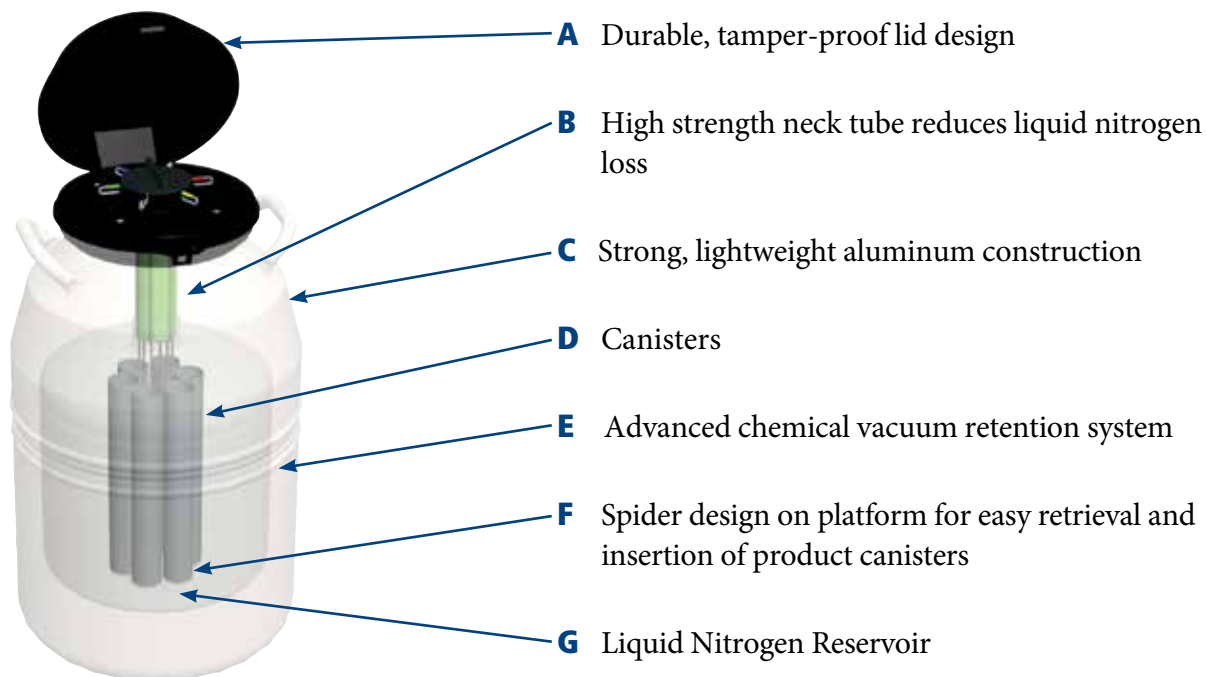


MVE offers the widest range of compact aluminum storage tanks available on the market today. Over the past 50 years, our product designs have improved through end-user input and evolved into a unique selection of units. The SC Series is designed for the user who has small capacity needs, but requires long-term storage and low liquid nitrogen consumption in a convenient lightweight package.

Features Include:

- Designed for large capacity storage
- Low liquid nitrogen consumption
- Convenient lightweight package

Tank Features



	SC 3/3	SC 8/5	SC 11/7	SC 20/20	SC 33/26	SC 36/32	Super 2
Maximum Storage Capacity							
Number of Canisters	6	6	6	6	6	6	6
Number of 1/2 cc Straws 10/cane	-	-	660	540	540	540	660
Number of 1/2 cc Straws 1 Level Bulk	1122	1122	879	780	780	780	1122
Number of 1.2 & 2.0 ml Vials 5/cane	-	-	150	150	150	150	210
Performance							
LN2 Capacity L	3.6	8.4	11.0	20.5	33.0	36.5	24.5
Static Evaporation Rate* L/day	0.13	0.15	0.16	0.09	0.13	0.10	0.085
Normal Working Duration**, Full Days	17	35	43	142	182	224	180
Unit Dimensions							
Neck Opening in. (mm)	2.18 (55)	2.18 (55)	2.18 (55)	2.18 (55)	2.18 (55)	2.18 (55)	2.18 (55.4)
Overall Height in. (mm)	16.0 (406)	18.5 (470)	21.6 (549)	25.7 (652)	25.9 (657)	27.2 (690)	28.2 (716)
Outer Diameter in. (mm)	8.7 (222)	10.2 (260)	10.2 (260)	14.5 (368)	18.2 (464)	18.2 (464)	14.5 (368)
Canister Height in. (mm)	5.0 (127)	5.0 (127)	11.0 (279)	11.0 (279)	11.0 (279)	11.0 (279)	11.0 (279)
Canister Diameter in. (mm)	1.65 (41.9)	1.65 (41.9)	1.65 (41.9)	1.50 (38)	1.50 (38)	1.50 (38)	1.65 (41.9)
Weight Empty lb. (kg)	8 (3.6)	12 (5.3)	17 (7.7)	26 (11.8)	34 (15.4)	34 (15.4)	26.5 (12)
Weight Full lb. (kg)	14.4 (65)	27.0 (12.1)	36.6 (16.6)	62.5 (28.3)	93.4 (42.4)	100.0 (44.8)	68.4 (31)

* 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.