

MVE ET Series



MVE® Asia

Features include

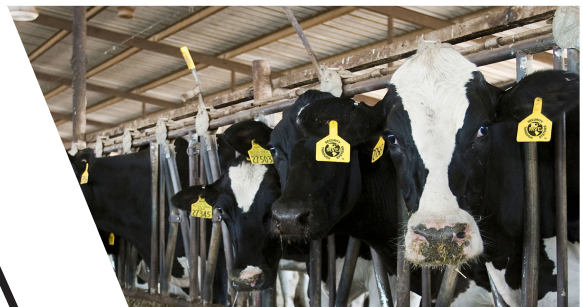
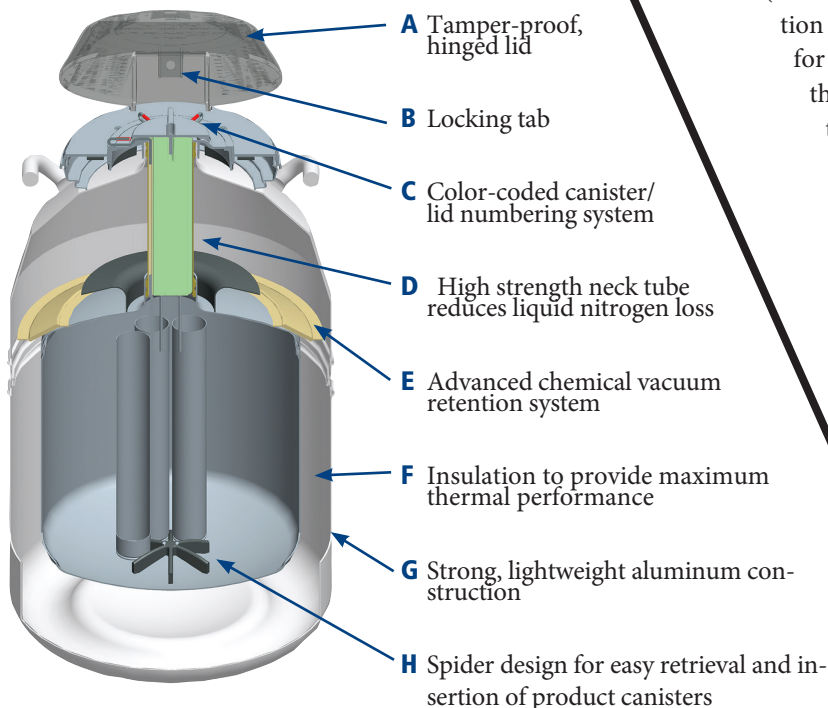
- Engineered specifically for farm use
- Precision manufacturing design
- Advanced vacuum technology and processing
- Advanced neck joining methods
- Convenient lightweight package
- Low liquid nitrogen consumption
- Lockable Lid
- Low balanced profile (ET-16)
- Pail Handle (ET-2 to 16)

The ET Series is the realization of precision robotic manufacturing, new technology and MVE's signature quality. Each component has been carefully engineered to produce a global low-cost tank while maintaining the consistent quality necessary to carry the MVE name. Statistical process controls and robotic welding and wrapping techniques allow MVE to match performance to price, while durability and function remain the same.

The smaller ET Series units are distinguished by the orange locking-lid, and utilize the composite neck and steel SuperCan. The ET-40 and the ET-47 both have MVE design black lids and 6/10 canister choice.

The ET-16 is the ideal technician tank offering a shorter but stable profile suitable for transport. The low center of gravity provides a well-balanced tank while stationary, yet functional when maneuvering with the ergonomic pail-type handle. With 9 (127mm) canisters, the ET-16 delivers a versatile storage option giving the technician the ability to separate the straws for optimal inventory management. Backed by MVE Asia, this durable, lightweight technician tank can be relied on to perform in the most demanding of environments.

Tank Features



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844-MVE-CRYO



	ET-2	ET-3	ET-3-50	ET-5	ET-7	ET-11	ET-12/4-9
Maximum Storage Capacity							
Number of Canisters	3	6	6	6	6	6	9
No. of 1/2 cc Straws 24/1.2 ml cane	-	-	-	-	-	1296	-
Number of 1/2 cc Straws 1 Level Bulk	-	-	1200	-	1866	1866	2700
Number of 1/2 cc Straws 2 Level Bulk	-	-	-	-	-	3732	-
Performance							
LN ₂ Capacity w/o Inventory <i>L est.</i>	2.2	3.6	3.15	5.0	8.4	11.0	12.0
Static Evaporation Rate* <i>L/day</i>	0.09	0.15	0.12	0.15	0.171	0.174	0.2
Static Holding Time <i>days</i>	25	24	26	33	49	63	60
Working Duration** <i>Full Days</i>	15	14	16	19	30	38	36
Unit Dimensions							
Neck Opening <i>mm</i>	35	55	50	55	55	55	90
Overall Height <i>mm</i>	370	394	400	465	470	550	470
Outer Diameter <i>mm</i>	224	224	224	224	261	261	406
Canister Height <i>mm</i>	120	127	120	127	127	279	127
Canister Diameter <i>mm</i>	25	43	38	43	43	43	48
Weight Empty <i>kg</i>	3.0	3.3	3.2	3.9	4.8	5.7	9
Weight Full <i>kg</i>	4.7	6.2	6.1	8.0	12.0	14.6	28.9

	ET-12/4-6	ET-16	ET-20	ET-35	ET-40/10	ET-40/6	ET-47/10	ET-47/6
Maximum Storage Capacity								
Number of Canisters	6	9	6	6	10	6	10	6
No. of 1/2 cc Straws 24/1.2 ml cane	-	-	1296	1296	6720	7920	6720	7920
Number of 1/2 cc Straws 1 Level Bulk	4914	1098	1866	1866	8200	10068	8200	10068
Number of 1/2 cc Straws 2 Level Bulk	-	-	3732	3732	16400	20136	16400	20136
Performance								
LN ₂ Capacity w/o Inventory <i>L est.</i>	12.0	16.4	20.5	36.0	39.0	39.0	47.7	47.7
Static Evaporation Rate* <i>L/day</i>	0.2	0.17	0.115	0.123	0.40	0.40	0.40	0.40
Static Holding Time <i>days</i>	60	97	178	292	97.5	97.5	120	120
Working Duration** <i>Full Days</i>	36	61	107	175	59	59	72	72
Unit Dimensions								
Neck Opening <i>mm</i>	90	55	55	55	127	127	127	127
Overall Height <i>mm</i>	470	450	627	690	670	670	673	673
Outer Diameter <i>mm</i>	406	446	368	461	461	461	500	500
Canister Height <i>mm</i>	127	127	279	279	279	279	279	279
Canister Diameter <i>mm</i>	73	38	38	38	73	108	73	108
Weight Empty <i>kg</i>	9	9.1	9.6	13.0	13.5	13.5	18.1	18.1
Weight Full <i>kg</i>	27.3	22.4	26.0	42.0	45.0	45.0	57.0	57.0

* 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.

** Working Duration is an arbitrary reference, to estimate container performance under normal operating conditions in liquid storage. Actual working time may vary due to current atmospheric conditions, container history, manufacturing tolerances and patterns of use.

TWO Year Vacuum Warranty from the Date of Invoice

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



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