



MVE ET Series

Aluminum Dewar Tanks

The ET Series is the realization of precision robotic manufacturing, new technology and MVE's signature quality. With over one year in development, MVE has carefully created a farm tank that maintains LN₂ for an 8-12 week duration visit cycle. 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 utilize the composite and steel SuperCan. The SuperCan accepts the 35mm goblet and has space for a goblet-puller.

Key Features

- Engineered specifically for farm use
- 8-12 week liquid nitrogen duration visit cycle
- Precision manufacturing design

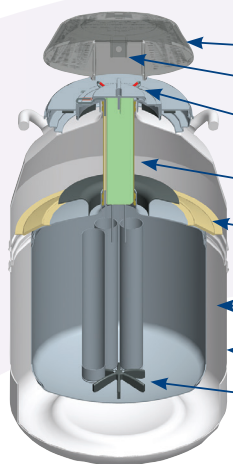


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	ET 2	ET 3	ET 5	ET 7	ET 11	ET 12/4-6	ET 12/4-9	ET 16	ET 20	ET 35	ET 40/6	ET 40/10	ET 47/6	ET 47/10
Maximum Storage Capacity														
○ Number of Canisters	3	6	6	6	6	6	9	9	6	6	6	10	6	10
○ Number of 1/2 cc straws 10/cane		660	660	660	1296				660	660	4500	3500	7920	6720
○ Number of 1/2 cc straws 24/cane											7920	6720		
○ Number of 1/2 cc 1 Level Bulk	90	879	879	879	1866	4914	2700	1098	879	879	6216	5000	10068	8200
○ Number of 1/2 cc 2 Level Bulk					3732								20136	16400
Performance														
○ LN ₂ Capacity L	2.2	3.6	5.0	8.4	11.0	12	12	16.4	20.5	36.0	37.8	37.8	47.7	47.7
○ Static Evaporation Rate L/day*	0.07	0.15	0.17	0.17	0.174	0.2	0.2	0.17	0.115	0.125	0.4	0.4	0.40	0.40
○ Static Holding Time days	28	24	29	49	63	60	60	97	178	292	94.5	94.5	120	120
○ Normal Working Duration days	17	15	18	30	38	36	36	61	111	182	59	59	72	72
Unit Dimensions														
○ Neck Opening mm	30	55	55	55	55	90	90	55	55	55	127	127	127	127
○ Overall Height mm	360	394	465	470	550	470	470	450	627	657	668	668	673	673
○ Outer Diameter mm	224	224	224	260	261	406	406	446	368	464	464	464	500	500
○ Canister Height mm	120	127	127	127	279	127	127	127	279	279	279	279	279	279
○ Canister Diameter mm	24.9	41.9	41.9	41.9	43	73	48	38	41.9	41.9	108	70	108	73
○ Weight Empty kg	2.9	3.3	3.9	5.2	5.7	9	9	9.1	8.6	15.9	17.0	17.0	18.1	18.1
○ Weight Full kg	4.5	6.2	8.0	12.0	14.6	27.3	28.9	22.4	25.1	44.0	47.4	47.4	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.

5 Year Vacuum Warranty on select models



Tank Features

- A** Tamper-proof, hinged lid
- B** Locking tab
- C** Color-coded canister/lid numbering system
- D** High strength neck tube reduces liquid nitrogen loss
- E** Advanced chemical vacuum retention system
- F** Insulation to provide maximum thermal performance
- G** Strong, lightweight aluminum construction
- H** Spider design for easy retrieval and insertion of product canisters

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