



# MVE HEco Series

With Chart MVE,  
the best keeps getting better.



Improved  
efficiency,  
safety,  
usability,  
servicability  
design



The **Next Generation**  
High Efficiency Freezer from Chart MVE

# MVE HEco Series

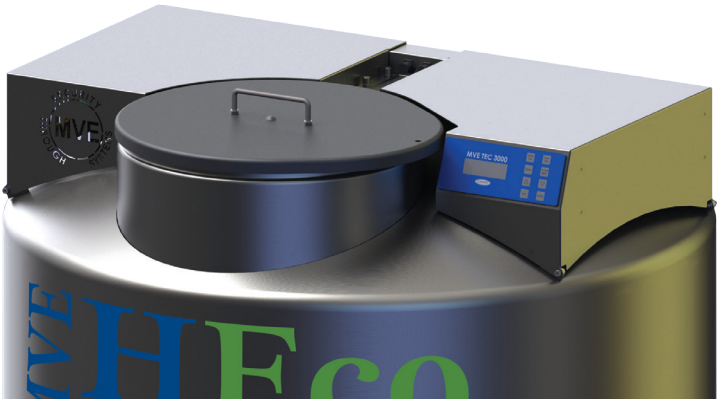
Chart MVE never stops working to improve products that will better fulfill customer needs and requests. The newest member of the MVE family is the reimagined and redesigned MVE HEco Series. The new MVE HEco Series freezers provide a 20% reduction in LN2 usage, making them the most efficient vapor freezers available. These next generation high efficiency freezers incorporate hinged work surfaces that fully enclose all electronics and plumbing to enhance overall safety and usability. The technical and visual improvements provide a more aesthetically pleasing freezer while offering greater functionality. As with all of MVE's cryogenic freezers, the MVE HEco Series freezers provide maximum storage density as well as the industry's longest hold time and highest sample security.

Chart MVE now offers the HEco Series in three sizes of freezers, each with several options: the HEco 800, 1500, and 1800 Series.

## Features include:

- 20% reduction in LN2 usage
- Fully enclosed wiring and plumbing
- Dry sample storage
- -190°C top box temperature
- Lowest liftover height
- Two tier folding step
- Vacuum jacketed transfer hose

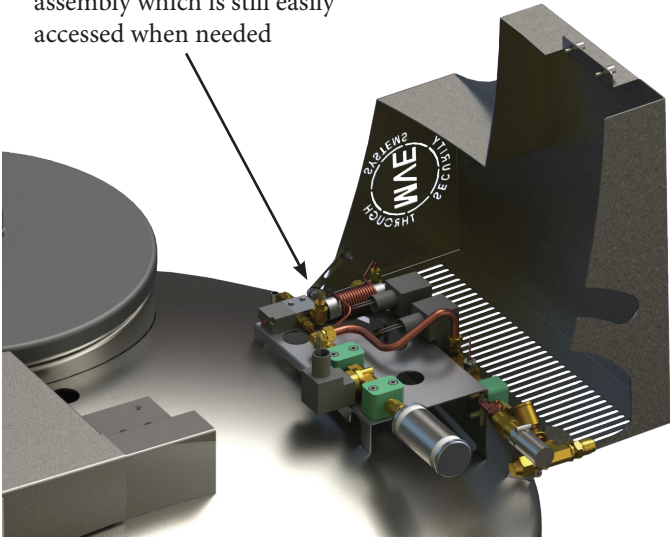




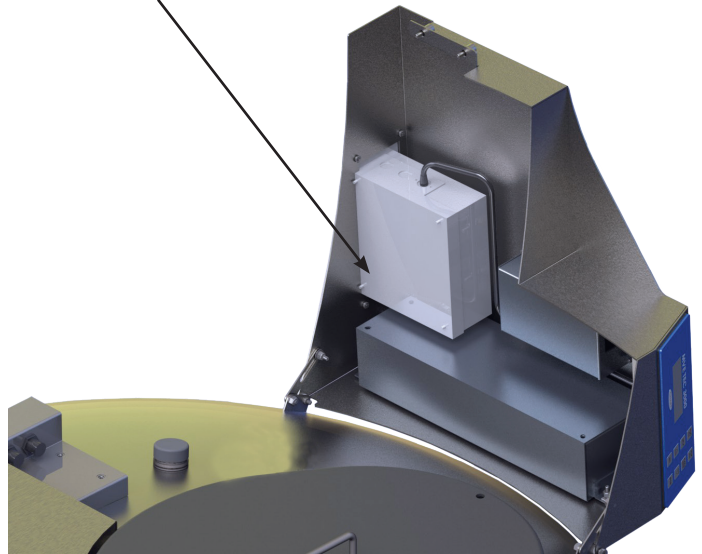
Hinged work surfaces for improved safety and usability

No exposed wiring or cold surfaces

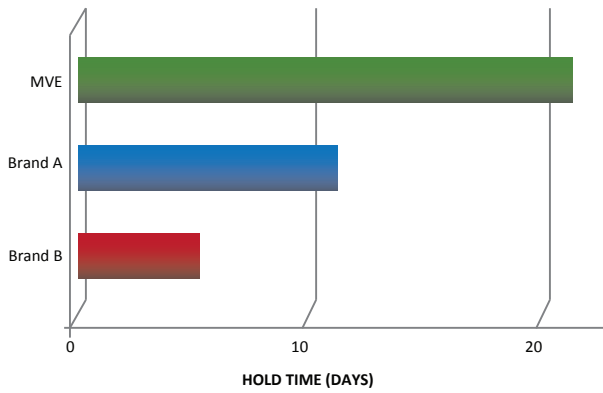
Completely enclosed plumbing assembly which is still easily accessed when needed



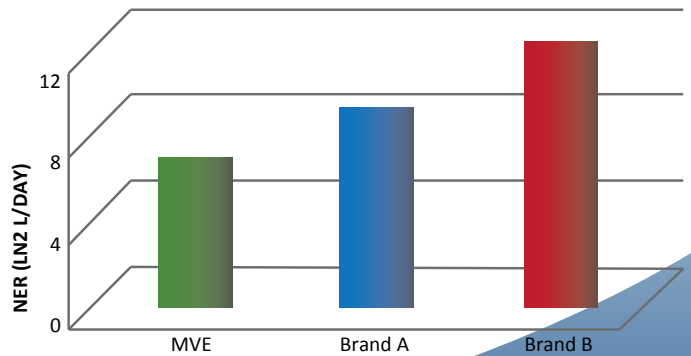
Fully integrated control system, power system, and battery backup



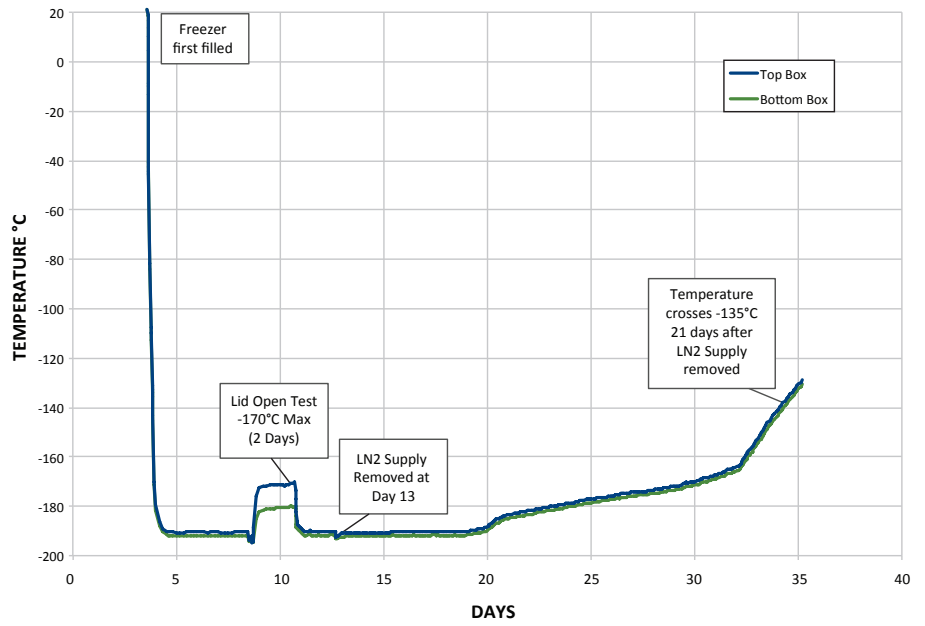
**Longest Vapor Safety Hold Time**



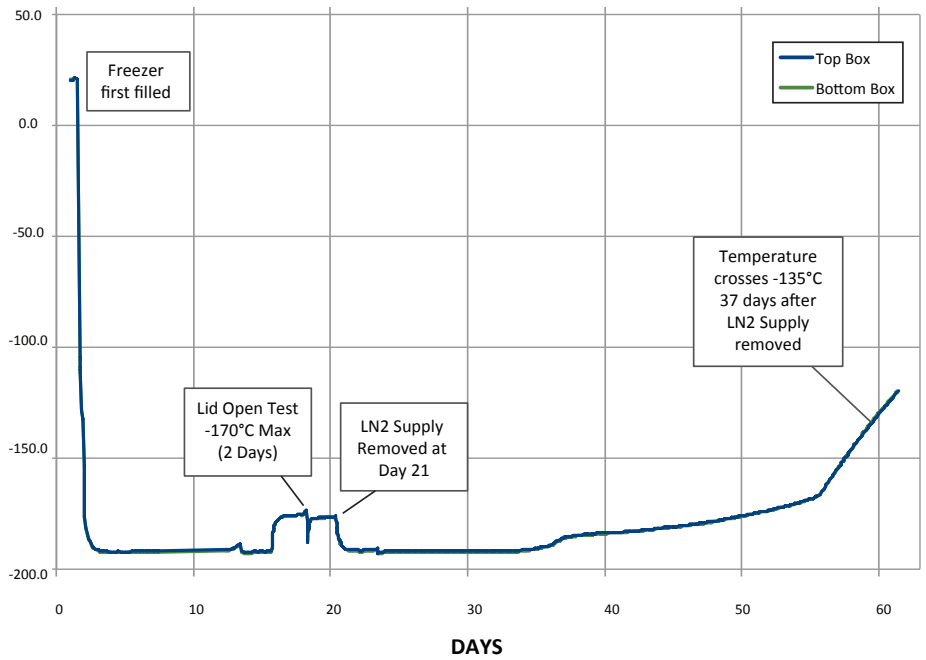
**Energy Usage**  
30% More Energy Efficient



### MVE HEco 1536P Temperature Test\*



### MVE HEco 1800 Temperature Test\*



### Temperature Test Graph

\* Temp Test indicates typical performance of HEco Series -190°C freezer with full inventory system and factory recommended level settings. Actual performance may vary with atmospheric conditions and usage.

Go to [www.chartbiomed.com](http://www.chartbiomed.com) for more information.

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