



High Capacity Freezers (HC)

phasetwo's High Capacity (HC) series provides users the latest technology with capacities from 11,700 to 32,300 vials. Our freezers are equipped with the automated DLS3 control with dual level sensing and touch screen display, ensuring product viability and ease of use. Our premium multi-layer insulation and other materials along with the latest vacuum technology systems provides leading industry performance. Engineered and tested, our durable HC stainless steel freezers are suitable for today's requirements.

Features

- Automated DLS3 control with dual level sensing for product security
- Solenoid monitoring for overfill protection
- Gas bypass with unique LN2 detection system
- Product can be stored in vapor* or liquid
- Auto defog
- Stainless steel construction
- Convenient access, with hinged lid
- Two independent temperature probes
- WiFi alerts via text and e-mail
- Cloud monitoring (optional)

* HC Series freezers are designed primarily for liquid phase storage; they can be used for vapor phase storage with phasetwo's aluminum rack systems. Please contact phasetwo for more information.



HC14



HC32



HC Series High Capacity Cryogenic Freezers Specifications

Technical Specification	HC14	HC32
LN2 Capacity, Liquid (L)	205	461
Outer Diameter (in/mm)	25 (635)	36 (914)
Overall Height (in/mm)	44.4 (1128)	46.31 (1176)
Neck Opening (in/mm)	23 (584)	34.25 (870)
Inner Usable Height (in/mm)	29.0 (737)	29.0 (737)
Weight Empty (lbs/kg)	220 (100)	480 (218)
Weight Full (lbs/kg)	335 (152)	739 (335)
Evaporation Rate (L/day)	6.5	10
Static Holding Time (days)	32	46

Storage Capacity, 2ml Vials	HC14	HC32
5-2 Vertical Racks, AL, 100/81-cell Boxes	13,500 (27 each)	32,000 (64 each)
13-2 Horizontal Racks, AL, 100/81-cell Boxes	11,700 (9 each)	28,600 (22 each)
Combination System	14,200	31,800
5-2 Vertical Racks, AL, 100/81-cell Boxes	5 each	9 each
13-2 Horizontal Racks, AL, 100/81-cell Boxes	9 each	21 each

Evaporation Rate and Static Holding Time are nominal. Actual Evaporation rate and static holding time will be affected by application, atmospheric conditions, container history and manufacturing tolerances.

Vacuum: 5 year warranty | Materials and Workmanship: 2 year warranty

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