

Researchers worldwide protect more than two billion samples inside Thermo Scientific cold storage equipment. With proven solutions including +4°C refrigerators to -196°C cryogenic freezers and Thermo Scientific Nalgene and Nunc consumables, you're free to concentrate on your work without worrying about your valuable samples.

Thermo Scientific HERAfreeze SI 311 L Upright Freezers

Space-Efficient, High-Capacity

Our Thermo Scientific HERAfreeze SI 311 L (11 cu. ft.) upright freezers feature exclusive thin wall SI technology



A narrow footprint of 673 x 940 mm requires minimal lab floor space

SI Technology

- Highly-efficient, innovative thin wall insulation technology allows for expanded interior storage without increasing the exterior cabinet footprint

Cabinet Features

- Five inner doors constructed of high impact plastic create independent storage compartments
- Each inner door is mounted on a continuous hinge for optimal sample protection and increased service life
- Inner doors operate independently to minimize sample exposure
- Pressure Equalization Port (PEP) rapidly equalizes cabinet pressure by metering controlled amounts of atmospheric air into the storage chamber after door opening

HERAfreeze Basic – for reliable non-critical storage

Our Basic control incorporates an easy-to-use, solid-state control system with dry contacts for remote alarm monitoring.

- Digital temperature display
- Key-operated main power switch
- Integrated overtemperature safety alarm with battery back-up and audible warning of temperature deviation

Racks and Accessories

A complete variety of racks, accessories and consumables are available. Ask your representative for more information.

Thermo Scientific HERAfreeze SI Freezers Specifications

Temperature Range -50°C to -86°C						
Model No	Capacity L (cu. ft.)	Electrical	Amps/Breaker (Plug)	Interior Dimensions H x W x D mm (inches)	Exterior Dimensions H x W x D mm (inches)	Shipping Weight kg (lbs)
HFU1185SIBASIC-V	311 (11)	230V/50Hz 1Ø	7.5/15 (P7)	1283 x 508 x 470 (50.5 x 20.0 x 18.5)	1918 x 940 x 673 (75.5 x 37.0 x 26.5)	274 (605)

Thermo Scientific HERAfreeze Rack Systems

Vials							
Cat No	Description H x F-B x W (mm)	Freezer Vol L (cu. ft.)	Qty of 50 mm (2 in.) Boxes	Qty of 80 mm (3 in.) Boxes	Qty of 102 mm (4 in.) Boxes	Racks/Shelf	Racks/Freezer
H6C4-3/SA	Variable Side-Access Rack (240 x 425 x 137)	311 (11)	12	9	–	3	15
H6C4/00	Front Access Rack with four pull-out trays (240 x 415 x 140)	311 (11)	12	–	–	3	15
H6C4/3/00	Front Access Rack with three pull-out trays (240 x 415 x 140)	311 (11)	–	9	–	3	15
H6C4/2/00	Front Access Rack with two pull-out trays (240 x 415 x 140)	311 (11)	–	9	6	3	15

Microplates						
Cat No	Description H x F-B x W (mm)	Freezer Vol L (cu. ft.)	Deepwell Plates	Shallow-Well Plates	Racks/Shelf	Racks/Freezer
H6C4/MP/SA	Side-Access Rack (240 x 370 x 137)	311 (11)	16	48	3	15
H6C4/MP	Front-Access Rack with four pull-out trays (240 x 420 x 140)	311 (11)	16	48	3	15

Thermo Scientific HERAfreeze Inventory Accessories

Accessories	
Cat No	Description
5954	50 mm high fiberboard boxes (2 inches) – packaged in lots of one dozen
5956	80 mm high fiberboard boxes (3 inches) – packaged in lots of one dozen
6667	Upright shelf (379 L) – includes 5 clips for left, rear and center support



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