

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.

Not Available in North America

Thermo Scientific HERAfreeze SI Freezers Specifications (Not Available in North America)

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 470 x 508 (50.5 x 18.5 x 20.0)	1918 x 673 x 940 (75.5 x 26.5 x 37.0)	274 (605)
HFU1185SIBASIC-W		230V/50Hz 1Ø	7.5/15 (P8)			

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 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
6594	CO2 back-up system (built in, factory installed, specify when ordering)
6593	CO2 back-up system (customer installed, specify when ordering)
6595	LN2 back-up system (built in, factory installed, specify when ordering)
6214	LN2 back-up system (customer installed, specify when ordering)
6383-6	152 mm (6") circular chart temperature recorder (free standing, customer installed, 50 charts)
6185	152 mm (6") 7 day chart paper (package of 50, temperature range +50°C to -115°C)
6903	Alarm delay module
6224	Deluxe electronic remote alarm
6898	Digital temperature monitor
6402	Surge suppressor (free standing, customer installed)



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