



**HYC-639**

# Pharmacy Refrigerator

## Scope of Application :

Designed for clinical and pharmaceutical use, applications include pharmacy, pharmaceutical production and supply chain, public health, hospital and primary care. Suitable for storage of biological products, pharmaceuticals, medicine and vaccines at a temperature between 2-8°C.

## Innovative Design

- Conform to NSF/ANSI 456
- Safe and reliable
- Multiple alarms
- Excellent temperature uniformity
- Energy Star® Certified
- Energy efficient

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## Product Advantages



### Energy Saving

Features include 70mm thick foam layer and optimized refrigeration system which reduces power consumption.



### Environmentally-friendly

HC refrigerants do not contain chloride or fluoride and have a GWP of just 3. CFC-Free insulation meets European ROHS directives for additional environmental protection.



### Excellent Temperature Uniformity

Designed with finned evaporator and double fan system for forced air cooling to provide a uniform temperature of  $\pm 2^{\circ}\text{C}$ .



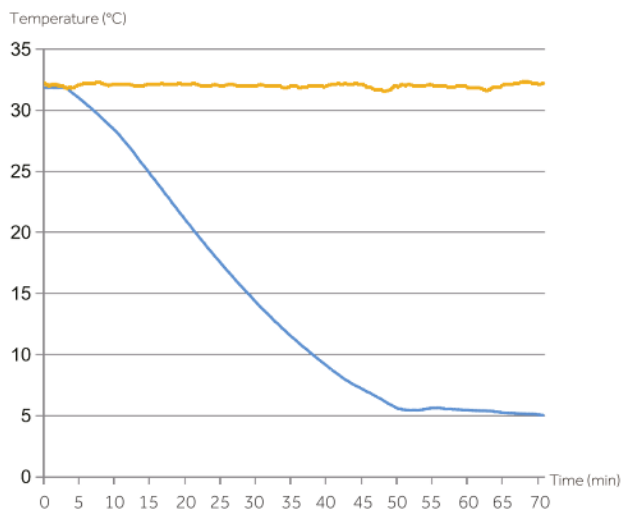
### Multiple Alarm for Safe and Reliable Operation

Equipped with upper display sensor, lower display sensor, defrosting sensor, control sensor, ambient temperature sensor, hot condenser sensor.

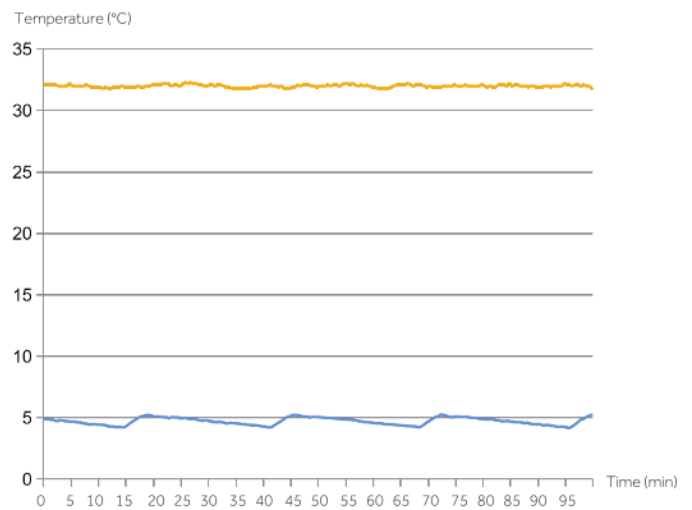
## Typical Performance Characteristics in 32°C Ambient Temp.



### Cool down curve



### Stability curve



— Internal Temperature  
— Ambient Temperature

## Product Details

### • Microprocessor control system

Microprocessor electronic temperature controller, LED temperature display, display precision is 0.1°C

### • Porthole

Standard equipped with a porthole, convenient for users to test or insert probes for remote monitoring

### • Temperature records for compliance

Standard USB  
Optional printer, RS485 interface, etc

### • Casters and leveling leg design

Standard with 4 universal casters and 2 height adjustable feet to ensure ease of movement and stability

### • Thermally efficient insulation

70mm thick foam layer to reduce energy consumption and improve cabinet performance

### • Security lock

Equipped with safety lock with 2 keys to prevent unauthorized access to ensure product safety

### • Cabinet construction

The liner is sprayed steel plate for easy cleaning

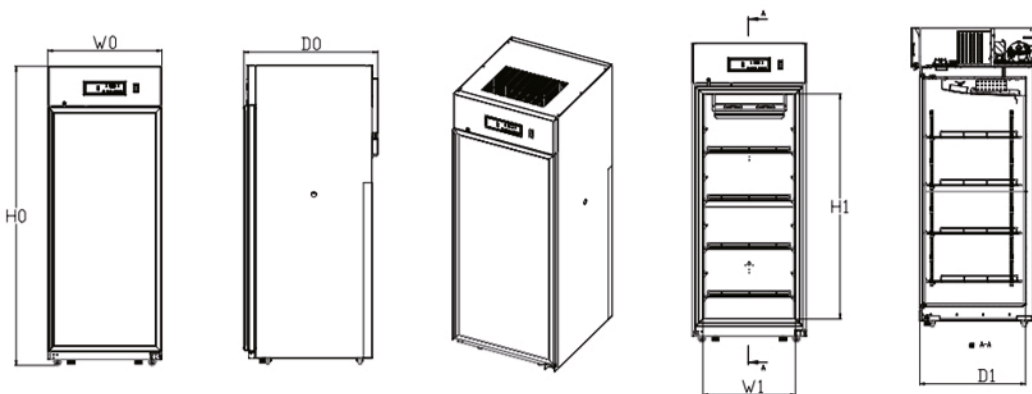
### • Internal configuration

Supplied as standard with 4 shelves



\*Optional: stainless steel liner, printer, RS485 interface.

## Product Dimension Drawings



W0-Total Width  
W1-Inner Width  
D0-Total Depth  
D1-Inner Depth  
H0-Total Height  
H1-Inner Height

W0	W1	D0	D1	H0	H1
760	620	897	706	1993	1520

## Specifications



Model			HYC-639
Technical Data	Cabinet type		Upright, single door
	Climate class		ST
	Cooling type		Forced air cooling
	Defrost mode		Auto
	Refrigerant		HC
	Sound level (dB(A))		46
Performance	Temperature range (°C)		2-8
Control	Controller		Microprocessor
	Display		LED
Electrical Data	Power supply (V/Hz)		115/60
	Power (W)		400
	Electrical current (A)		2.5
Dimensions	Capacity (L/Cu.Ft)		600/21.2
	Net/Gross weight (approx)	kg	200/240
		lbs	551.15/639.33
	Interior dimensions (W*D*H)	mm	620*706*1520
		in	24.4*27.8*59.8
	Exterior dimensions (W*D*H)	mm	760*897*1993
		in	29.9*35.3*78.5
	Packing dimensions (W*D*H)	mm	873*997*2143
		in	34.5*39.3*84.4
Alarms	Container load (20"/40"/40"H)		12/26/26
	High/Low temperature		Y
	High ambient temperature		Y
	Door Ajar		Y
	Power failure		Y
	Low battery		Y
	Sensor error		Y
	Communication failure		Y
	Condenser heat		Y
Accessories	Remote alarm		Y
	Caster		Y/4
	Foot		Y/2
	Porthole		Y
	Shelves		4
	Printer		Optional
Others	USB interface		Y
	Certification		UL, Energy Star, ANSI 456

\*Haier Biomedical reserves the right to change products and specifications without prior notice.