



**HYC-410**



Microprocessor Controller



Hermetically Sealed  
Compressor



Safer monitoring

# Pharmacy Refrigerator

## Scope of Application

Used for storage of medicines, vaccines, reagents, biological products and other items that require a temperature between 2-8°C in hospitals, pharmacies, pharmaceutical factories, clinics and laboratories etc.

## Innovative Design

- Purpose-built for medical and laboratory use
- High performance with low noise level
- Eco-friendly and energy saving
- Condensation free even at ambient 32°C & 80% RH
- Convenient monitoring and data export

**Qingdao Haier Biomedical Co.,Ltd.**

No.280 Feng Yuan Road, High-tech Zone,  
Qingdao, 266109, P.R. China  
E-mail: [inquiry@haierbiomedical.com](mailto:inquiry@haierbiomedical.com)  
Website: [www.haiermedical.com](http://www.haiermedical.com)



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**Product Advantages**

-  Eco-friendly hydrocarbon refrigerant (R600a) and CFC-free polyurethane insulation for reduced global warming potential
-  Hermetically sealed compressor, forced-air circulation with auto defrost to ensure high cooling performance to keep cabinet temperature between 2~8°C
-  Double-layer tempered glass door with electronic heater to reduce condensation even at 32°C, 80% RH ambient
-  Convenient security with a top-mounted unique-key lock as well as a hasp for padlock
-  Adjustable plastic-coated wire shelves for improved circulation and flexible storage
-  25mm probe access port to accept user-provided monitoring equipment
-  Microprocessor controller, digital display with 0.1°C resolution for accurate control
-  Self-closing door with magnetic gaskets to ensure a positive seal
-  Multiple alarm functions for safer monitoring, audible/visual alert with mute function; remote alarm contacts as standard in rear of the unit
-  Easy to check the min/max temperature in the past 24 hours
-  Energy efficient interior LED lighting
-  Optional USB, optional printer, optional RS 485
-  4 swivel casters with 2 leveling feet

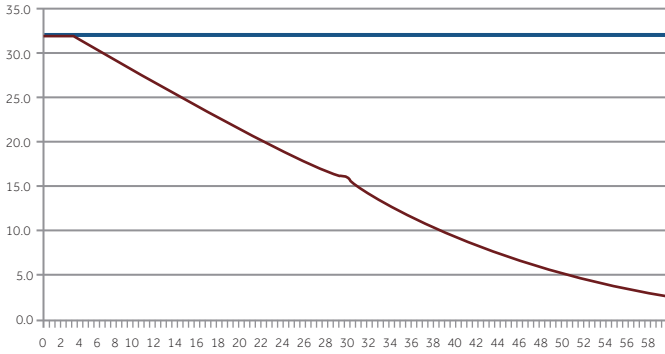
\* ①&②: Tested by TUV according to DIN13277

**Product Parts**

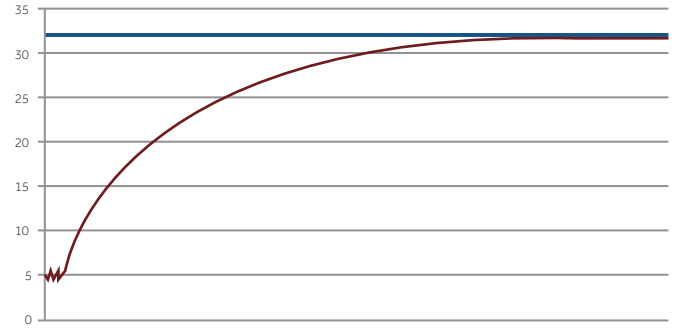


**Cabinet Temperature**

**Cool down curve**



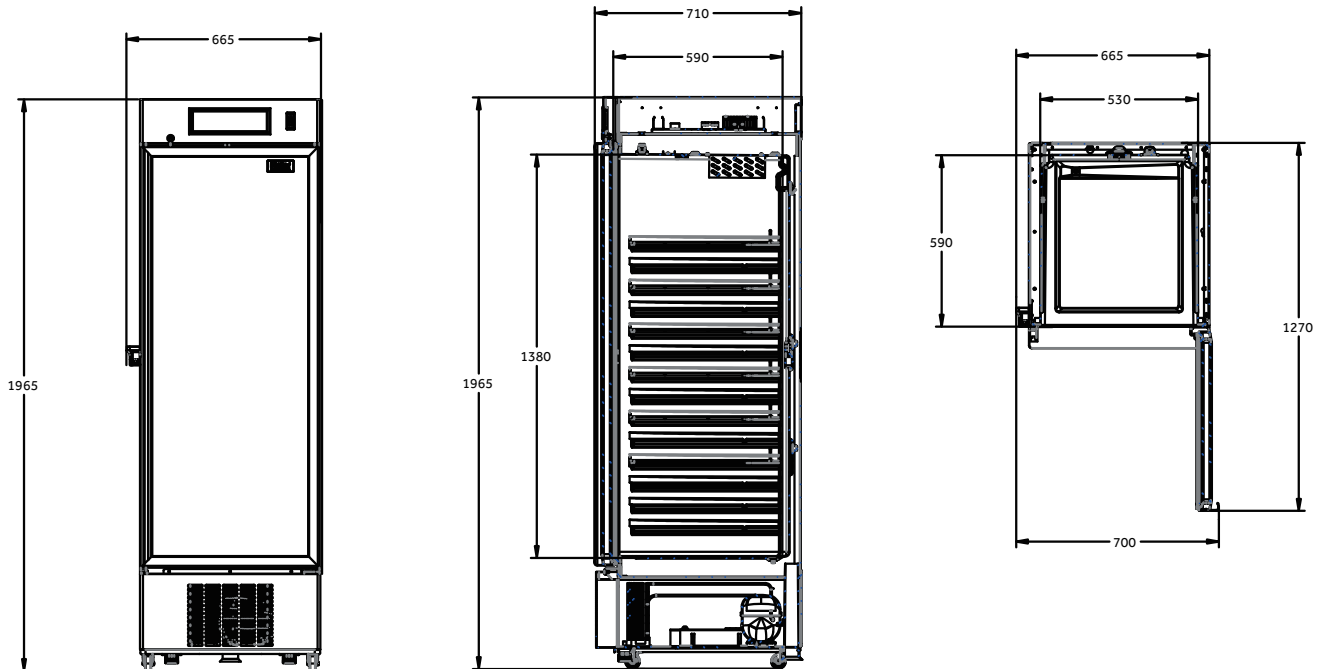
**Warm up curve**



At 32°C ambient temperature, the cooling time is about 50 minutes, the heating time is about 8 hours

— Ambient Temp.  
— Test point Temp.

**Product Dimension**



**Specifications**



Model		HYC-410	
Technical Data	Cabinet type	Upright, Single Door	
	Climate class	N	
	Cooling type	Forced Air Cooling	
	Defrost mode	Auto	
	Refrigerant	HC	
	Sound level (dB(A))	41	
Performance	Temperature range (°C)	2~8	
Control	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power supply (V/Hz)	220~240/50	
	Electrical current (A)	2.0	
Dimensions	Capacity (L/Cu.Ft)	410/14.5	
	Net/Gross weight	kg	116/139
		lbs	255.7/306.4
	Interior dimensions (W*D*H)	mm	530*590*1380
		in	20.9*22.8*54.3
	Exterior dimensions (W*D*H)	mm	665*710*1965
		in	26.2*28.0*77.4
	Packing dimensions (W*D*H)	mm	710*810*2130
in		27.6*31.9*83.9	
Container load (20'/40'/40'H)		22/44/44	
Alarms	High/Low temperature	Y	
	High ambient temperature	Y	
	Remote Alarm	Y	
	Door ajar	Y	
	Power failure	Y	
	Low battery	Y	
	Sensor error	Y	
	Communication failure	Y	
Accessories	Caster	4	
	Foot	2	
	Porthole	Y	
	Shelves/Drawers	6/-	
	485/232 portal	Optional	
	Printer	Optional	
	USB interface	Optional	
Others	Certification	CE, ENERGYSTAR	

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