



**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

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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

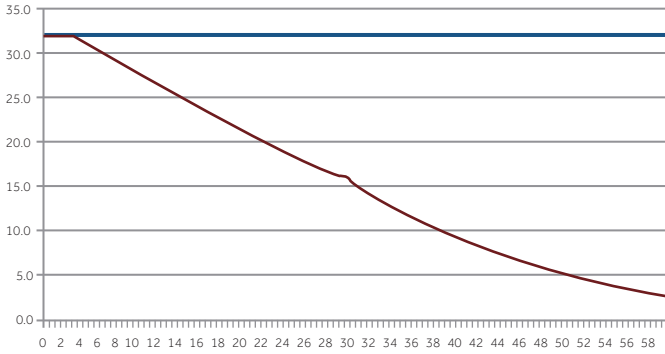
\* ①&②: Tested by TUV according to DIN13277

**Product Parts**

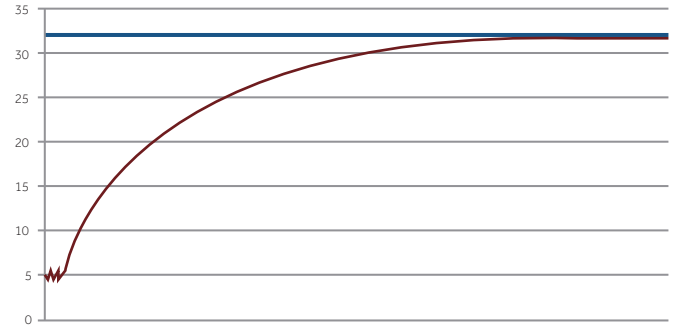


**Cabinet Temperature**

**Cool down curve**



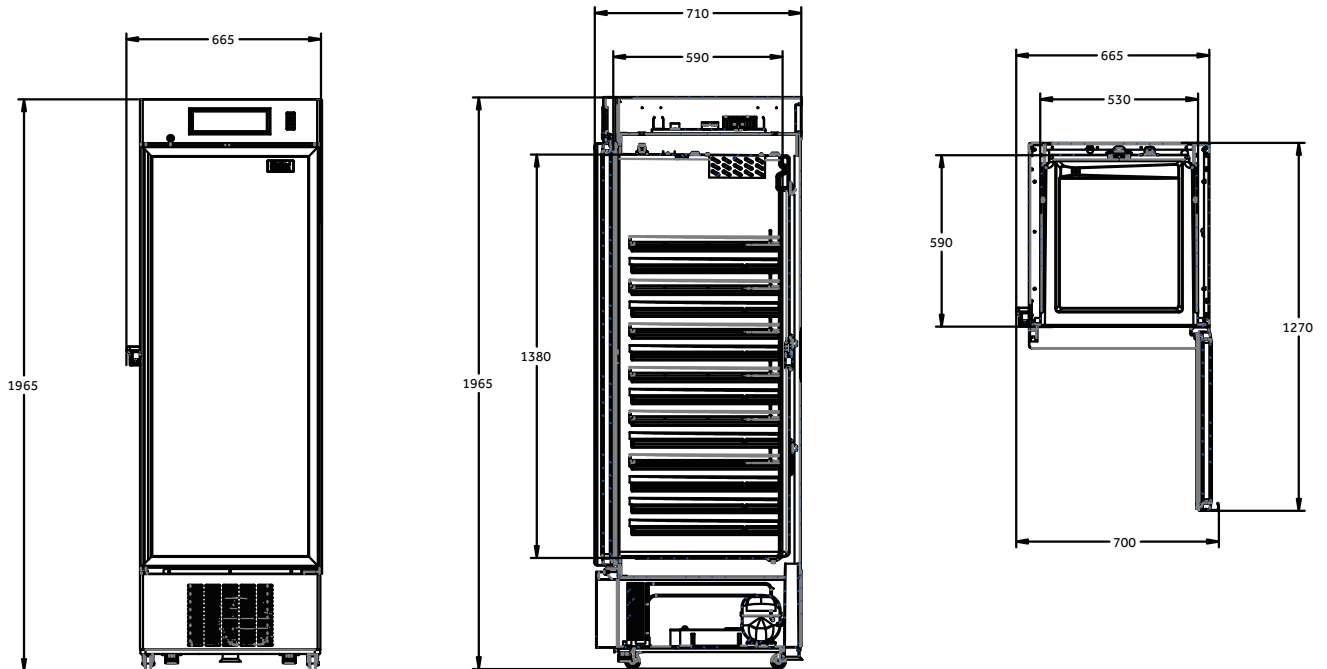
**Warm up curve**



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	R600a	
	Sound Level (dB(A))	41	
Performance	Temperature Range (°C)	2-8	
Control	Will the fan stop automatically when opening the door	Y	
	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power Supply (V/Hz)	220~240/50	
	Electrical Current (A)	2.0	
Performance Characteristics	Temperature Sensor	NTC	
	Power Consumption (kWh/24h)	5.5	
Dimensions	Capacity (L/Cu.Ft)	410/14.5	
	Net/Gross Weight (approx)	(kg)	116/139
		(lbs)	255.7/306.4
	Interior Dimension (W*D*H)	(mm)	530*590*1380
		(in)	20.9*22.8*54.3
	Exterior Dimension (W*D*H)	(mm)	665*710*1965
		(in)	26.2*28.0*77.4
	Packing Dimension (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	
	Remote Alarm	Y	
	Power Failure	Y	
	Sensor Error	Y	
	Low Battery	Y	
	Door Ajar	Y	
	Audible and Visual Alarm	Y	
Accessories	Caster	4	
	Foot	2	
	Porthole	Y	
	Shelves/Drawers	6 /-	
	USB Interface	Optional	
	Printer	Optional	
Material	Exterior Material	Painted Steel	
	Interior Material	Polystyrene	
	Door Thickness (mm)	45	
	Cabinet Thickness (mm)	40	
	Shelves Material	Steel Wire, Coated with Plastic	
	No. of Shelves	6	
Other	Certificate	CE, ENERGY STAR	

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