

Haier Biomedical
Intelligent Protection of Life Science



HYC-410



Microprocessor Controller



Hermetically Sealed
Compressor



Safermonitoring

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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

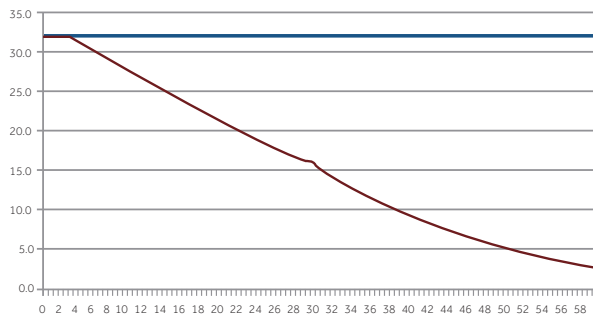
Product Parts



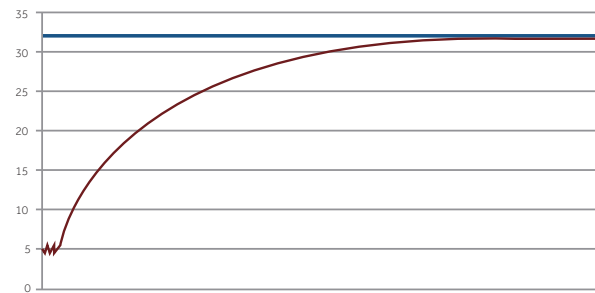
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Cabinet Temperature

Cool down curve



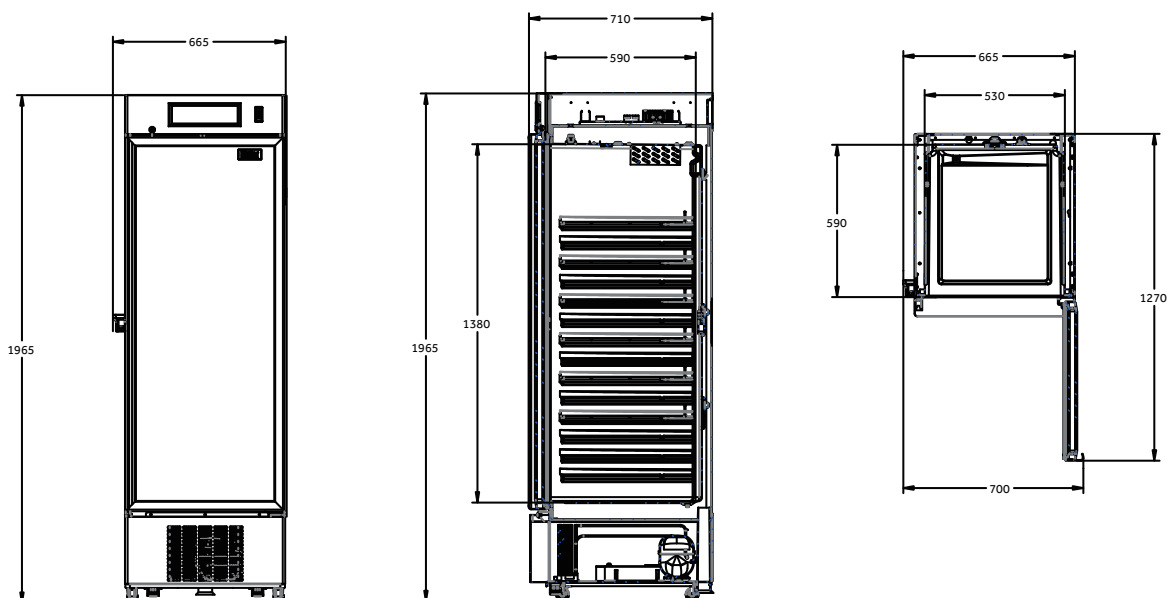
Warm up curve



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



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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
Alarms	Container Load (20'/40'/40'H)	22/44/44	
	High/Low Temperature	Y	
	Remote Alarm	Y	
	Power Failure	Y	
	Sensor Error	Y	
	Low Battery	Y	
	Door Ajar	Y	
Accessories	Audible and Visual Alarm	Y	
	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.

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