



HYC-461GDH



Humidity maintaining range:
35% to 75% RH



Inverter Compressor with
Improved Energy Consumption



Temperature Uniformity



Sound Level(dB(A))



Reversible Door



Self-closing door hinge
with 90° stop

Pharmacy Refrigerator

Scope of Application

Used for storage of medicines, APIs, biological products, reagents and samples requiring temperature and humidity control.

Temperature maintained at 2–8°C and humidity at 35%–75% RH for pharmaceutical factories, R&D laboratories, QC labs and pharmaceutical warehouses etc.

Innovative Design

- Purpose-built for pharmaceutical & laboratory humidity-temperature controlled storage
- Precise dual temperature & humidity control system
- Eco-friendly (hydrocarbon refrigerant) and energy saving
- Condensation free even at ambient 32°C & 80% RH
- Convenient monitoring, data recording and export

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Product Features



Sensor: 7 sensor + anti-freezing sensor (optional)



Reversible Door Design: Door can be reversible not only in factory but also in user site



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 superior cooling performance, temperature uniformity $\leq \pm 2^{\circ}\text{C}$; and anti-freezing thermostat is available to protect store items from freezing, which is DIN13277 compliance.



Triple-paned tempered glass door with frame heater to reduce condensation even at 32°C , 80% RH ambient; Self-closing door hinge with 90° stop; magnetic gaskets to ensure a positive seal



Energy efficient interior LED lighting, side-mounted to enlighten full space



Optional USB module to easily record and export cabinet temperature and alarm data; optional RS485 port for easily external connection; optional printer to easily export cabinet temp data



A $\phi 25\text{mm}$ probe access port is standard on side wall to accept user-provided monitoring equipment



Multiple alarm functions for safer monitoring, audible/visual alert with mute function; remote alarm contact is equipped as standard



Convenient security with a top-mounted unique-key lock



4 swivel casters with 2 leveling feet for easily movement and fixing



Microprocessor controller, digital display with 0.1°C resolution; easy to check the min/max temperature in the past 24 hours; password protect function is available to avoid unauthorized setting.



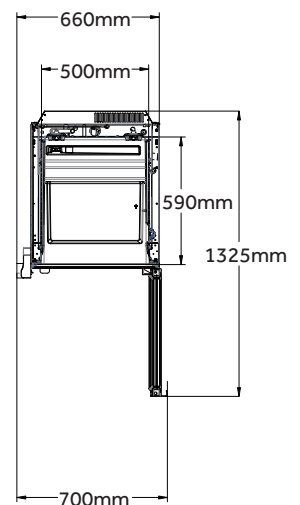
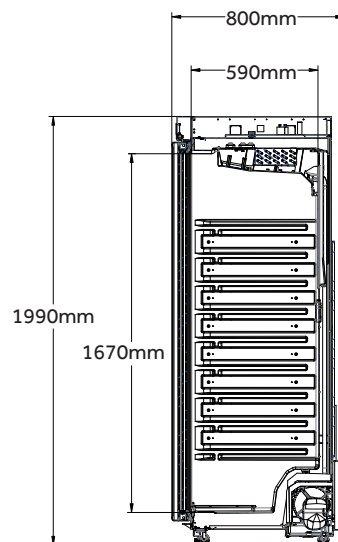
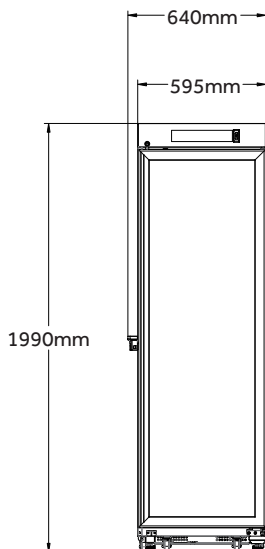
Adjustable plastic-coated wire shelves for improved circulation and flexible storage



Product Details



Product Dimension



Specifications



Model			HYC-461GDH
Technical Data	Cabinet Type		Upright, glass door
	Climate Class		N, 16~32°C
	Cooling Type		Forced air cooling
	Defrost Mode		Auto
	Refrigerant		R600a
	GWP (global warming potential)		20
	Sound Level (dB(A))		39
Performance	Temperature Range (°C)		2~8
	Humidity Maintaining Range		35% to 75% RH
Control	Controller		Microprocessor
	Display		LED
Electrical Data	Power Supply (V/Hz)		220~240/50/60
	Power (W)		270
	Electrical Current (A)		1.7
Performance Characteristics	Temperature Sensor		NTC*6 + Digital*1 + Anti-freezing sensor(Optional)
	Power Consumption (kWh/24h)		1.2
Dimensions	Capacity (L/Cu.Ft)		461 / 16.3
	Net/Gross Weight (approx)	kg	115/125
		lbs	254/276
	Interior Dimensions (W*D*H)	mm	500*590*1670
		in	19.7*23.2*65.7
	Exterior Dimensions (W*D*H)	mm	595*800*1990
		in	23.4*31.5*78.3
	Packing Dimensions (W*D*H)	mm	703*913*2062
		in	28.3*36.6*82.7
	Container Load (20'/40'/40'H)		18/37/37
Alarms	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
	Remote Alarm		Y
Accessories	Caster		4
	Foot		2
	Porthole		1 right 25mm
	Shelves/Drawers		6(5 adjustable shelf+ 1 bottom shelf)/Optional
	Printer		Optional
	Chart Recorder		N/A
	USB Interface		Optional
	RS485		Optional
	Electromagnetic Lock		N/A
	Plastic Basket		Optional
	Stainless Steel Cabinet		Optional
	Self Closing		Self closing door hinge with 90° stop
	Door Opening Direction		Reversible Door
Material	Exterior Material		Painted steel
	Interior Material		Polystyrene
	Door Thickness (mm)		50
	Cabinet Thickness (mm)		45

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