Haier Biomedical
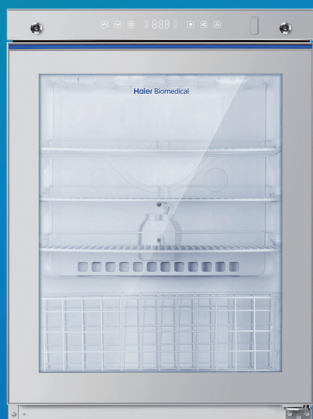## Intelligent Protection of Life Science

Glass and Solid Door Models Available

HYC-130GD/FD

Energy Saving
0.9kWh/24h

37dB(A)
Quiet Operation

Reversible Door Hinge

Temperature
Uniformity ±1.5°C

Pharmacy Refrigerator

Scope of Application

Used for storage of medicines, vaccines, reagents, biological products and other items 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 acquisition

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Product Features

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

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

25mm probe access port to accept user- provided monitoring equipment

Optional USB, optional RS485 for easy data acquisition

Quiet operation with noise level of only 37dB(A)

Triple layer glass door (HYC-130GD) with frame heater to achieve condensation free even at 32°C, 80% RH ambient Self-closing door function within 90° (HYC-130GD/FD); Magnectic 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

Microprocessor controller, wipe clean digital display with 0.1°C resolution for accurate control

Energy efficient interior LED lighting (Power rating: 1W)

Product Details

- Wipe clean control panel
- LED light
- Adjustable shelf
- Basket
- Leveling feet
- USB (optional)
- Key lock
- Access port
- Recessed handle
- Product simulator
- Triple layer glass door

Specifications

Model		HYC-130GD	HYC-130FD
Technical Data	Cabinet Type	Under-Counter, Glass Door	Under-Counter, Solid Door
	Climate Class (°C)	N, 16~32	N, 16~32
	Cooling Type	Forced Air Cooling	Forced Air Cooling
	Defrost Mode	Auto	Auto
	Refrigerant	R600a, 30g	R600a, 30g
	GWP (Global Warming Potential)	20	20
	Sound Level (dB(A))	37	37
Performance	Temperature Range (°C)	2~8	2~8
Control	Will the fan stop automatically when opening the door	Y	Y
	Controller	Microprocessor	Microprocessor
	Display	LED	LED
Electrical Data	Power Supply (V/Hz)	220~240/50/60	220~240/50/60
	Power (W)	180	180
Performance Characteristics	Temperature Sensor	NTC	NTC
	Power Consumption (kWh/24h)	1	0.55
Dimensions	Capacity (L/Cu.Ft)	130 / 4.6	130 / 4.6
	Net/Gross Weight (approx) — kg	48 / 52	48 / 52
	Net/Gross Weight (approx) — lbs	105.8 / 114.6	105.8 / 114.6
	Interior Dimensions (W*D*H) — mm	515*455*625	515*455*625
	Interior Dimensions (W*D*H) — in	20.3*17.9*24.6	20.3*17.9*24.6
	Exterior Dimensions (W*D*H) — mm	595*670*840	595*670*840
	Exterior Dimensions (W*D*H) — in	23.4*26.4*33.1	23.4*26.4*33.1
	Packing Dimensions (W*D*H) — mm	670*730*890	670*730*890
	Packing Dimensions (W*D*H) — in	26.4*28.7*35.0	26.4*28.7*35.0
	Container Load (20'/40'/40'H)	48/102/102	48/102/102
Alarms	High/Low Temperature	Y	Y
	High Ambient Temperature	Y	Y
	Door Ajar	Y	Y
	Power Failure	Y	Y
	Low Battery	Y	Y
	Sensor Error	Y	Y
	Communication Failure	Y	Y
	Condenser Heat	N	N
	Remote Alarm	Y	Y
	Audible and Visual Alarm	Y	Y
Accessories	Caster	2	2
	Foot	2	2
	Porthole	1	1
	Shelves/Basket	3/1	3/1
	Printer	N/A	N/A
	Chart Recorder	N/A	N/A
	USB Interface	Optional (record up to 10 years)	Optional (record up to 10 years)
	RS485	Optional	Optional
Material	Exterior Material (mm)	Painted Steel	Painted Steel
	Insulation Material (mm)	Polystyrene	Polystyrene
	Door Thickness	50	50
	Cabinet Thickness	45	45
	Shelves Material	Steel Wire, Coated with Plastic	Steel Wire, Coated with Plastic
Others	Certification	CE, DIN13277 (Optional)	CE, DIN13277 (Optional)

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