Pharmacy Refrigerator

HYC-509/509F/1099/1099F

Excellent Cooling Performance, Temperature Uniformity ≤±2°C

Multiple Alarm Functions for Safer Monitoring

Microprocessor Controller, Display with Resolution of 0.1°C

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

◎ Energy Efficient Hydrocarbon Refrigeration

◎ Self-closing Door Hinge with 90° Stop; Magnetic Gaskets to Ensure a Positive Seal

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Product Features

Double-paned tempered glass door with electronic 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

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

Microprocessor controller, digital display with 0.1°C resolution; easy to check the min/max temperature in the past 24 hours

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

Adjustable plastic-coated wire shelves for improved circulation and flexible storage; Fully extendable ABS drawer with divider is optional

Excellent cooling performance, temperature uniformity ≤±2°C; Anti-freezing thermostat is equipped as standard, DIN13277 compliance

Convenient security with a top-mounted unique-key lock; electromagnetic lock is optional to avoid unauthorized access

Hermetically sealed compressor, forced-air circulation with auto defrost to ensure high cooling performance

Eco-friendly hydrocarbon refrigerant (R600a) and CFC-free polyurethane insulation for reduced global warming

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

Energy efficient interior LED lighting

4 universal casters with 2 leveling feet

Product Size Drawing

Front view	Side view	Top view
693	813 / 585	693 / 593
1981	1981 / 1500	585 / 1415 / 745

Specifications

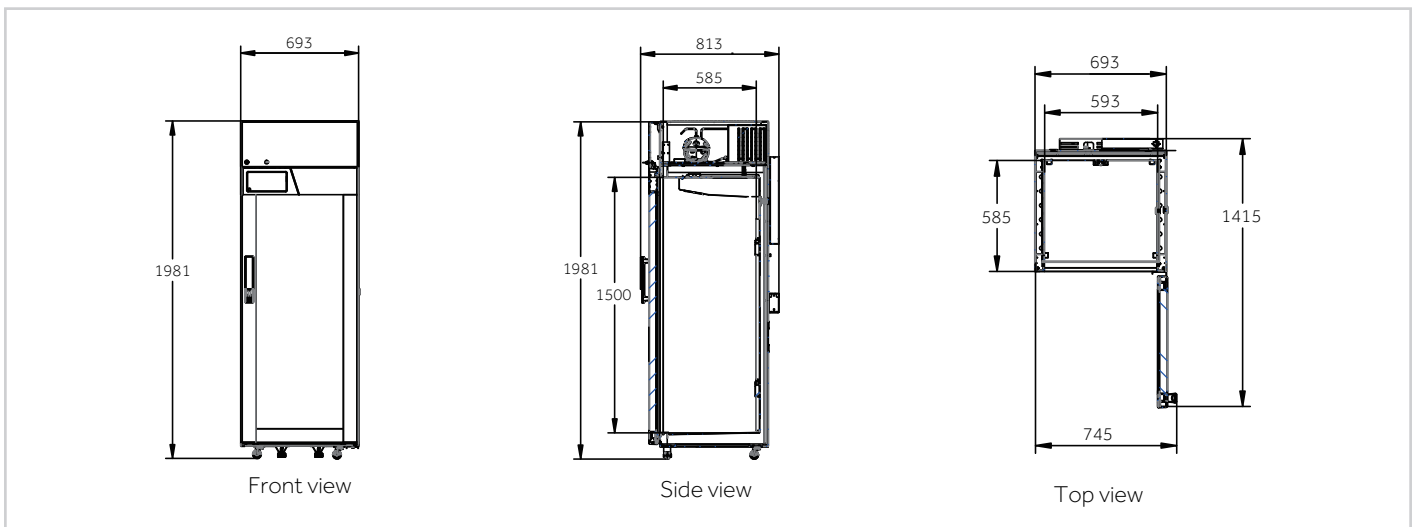| Model		HYC-509	HYC-509F	HYC-1099	HYC-1099F
Technical Data	Cabinet Type	Upright, Single Glass Door	Upright, Single Solid Door	Upright, Double Glass Door	Upright, Double Solid Door
	Climate Class	N	N	N	N
	Cooling Type	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling
	Defrost Mode	Auto	Auto	Auto	Auto
	Refrigerant	HC	HC	HC	HC
	Sound Level (dB(A))	40	40	43	43
Performance	Temperature Range (°C)	2~8	2~8	2~8	2~8
Control	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED	LED	LED	LED
Electrical Data	Power Supply (V/Hz)	220~240/50/60	220~240/50/60	220~240/50/60	220~240/50/60
	Electrical Current (A)	1.85	1.75	2.5	2.25
	Power Consumption (kWh/24h)	5.9	5.3	6.8	6
Dimensions	Capacity (L/Cu.Ft)	509/17.97	509/17.97	1099/38.5	1099/38.5
	Net/Gross Weight (approx) kg	180/215	175/210	340/400	330/390
	Net/Gross Weight (approx) lbs	396/473	385/462	748/1000	726/858
	Interior Dimensions (W*D*H) mm	593*585*1500	593*585*1500	1295*585*1500	1295*585*1500
	Interior Dimensions (W*D*H) in	23.21*22.9*58.8	23.21*22.9*58.8	50.7*22.9*58.8	50.7*22.9*58.8
	Exterior Dimensions (W*D*H) mm	693*813*1981	693*813*1981	1395*813*1981	1395*813*1981
	Exterior Dimensions (W*D*H) in	27.1*31.9*77.7	27.1*31.9*77.7	54.7*31.9*77.7	54.7*31.9*77.7
	Packing Dimensions (W*D*H) mm	835*915*2170	835*915*2170	1550*895*2100	1550*895*2100
	Packing Dimensions (W*D*H) in	32.9*36.0*85.4	32.9*36.0*85.4	61.0*35.3*82.7	61.0*35.3*82.7
	Container Load (20'/40'/40'H)	14/28/28	14/28/28	7/15/15	7/15/15
Alarms	High/Low Temperature	Y	Y	Y	Y
	High Ambient Temperature	Y	Y	Y	Y
	Door Ajar	Y	Y	Y	Y
	Power Failure	Y	Y	Y	Y
	Low Battery	Y	Y	Y	Y
	Sensor Error	Y	Y	Y	Y
	Communication Failure	Y	Y	Y	Y
	Condesenser Overheat	Y	Y	Y	Y
Accessories	Caster	Y	Y	Y	Y
	Foot	Y	Y	Y	Y
	Porthole	Y	Y	Y	Y
	Shelves/Drawers	6/Optional	6/Optional	12/Optional	12/Optional
	USB Interface	Y	Y	Y	Y
	Remote Alarm	Y	Y	Y	Y
Certification	Certification	CE, UKCA, DIN13277 (optional)	CE, UKCA, DIN13277 (optional)	CE, UKCA	CE, UKCA

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