



-86°C ULTRA-LOW FREEZER

FEATURES

- CDC and VFC compliant
- Great for storage of Covid-19 vaccines, DNA, RNA, virus samples, organs and serum
- Remote alarm (included), RS232, 4-20mA transmitter (optional)
- Equipped with VIP (Vacuum Insulation Panel) plus vacuum insulation foaming for better temperature performance
- ETL tested to UL and CSA standards
- ETL tested to UL 471, Commercial Refrigerators and Freezers standards (optional G04, G18, G21c, G27)
- Designed with energy-efficient refrigerants that earned the Energy Star rating for our RapidChill G12h, G20h, G26h and G34he models
- Operation temperature range from -40°C to -86°C
- All stainless steel shelves for clean operation, durability, and ease of maintenance
- Lock-able door, high or low temperature alarms, power failure alarm, door open alarm, filter clogging alarm, password protection, ample security features to protect you, your products, and the unit
- Dual silicone sealing gaskets for ultra air tight
- Backup battery for controller and display
- USB interface for data export and storage
- Extremely quiet and reliable
- RS-485 & USB communication ports with option to add 4-20 mA transmitter
- Use only RoSH compliant non-toxic components and materials
- Built-in swivel casters with adjustable support that will secure the unit on uneven floor



888-988-0899 Ext 2



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SPECIFICATIONS

MODEL	G34HE UPRIGHT FREEZER	G21C CHEST FREEZER
Electrical requirements	230V 50/60Hz. 1300 watts, 7 amps	220V 60Hz 1-Phase, 2057 watts 10.5A
Temperature range	-40°C to -86°C	-40°C to -86°C
Compressor	Maker: Variable speed Power: 220V 60Hz 1-PHASE Number of compressor: Dual Refrigerant: HC R290/R170	Make: SECOP Power: 220V 60Hz 1-PHASE Number of compressor: dual, parallel Refrigerant: CFC-free
Chamber	Dimensions: 40 x 28 x 51.5" Shelf max. weight capacity: 126kg (278lbs) Max. weight capacity of unit: 504kg (1111 lbs) 5x5x2" boxes capacity: 700 boxes	Dimensions: 47 x 32 x 24" (WxDxH) Material: 304 stainless steel VOLUME: 21 Cu Ft
Shelf	Shelf max. weight capacity: 126kg (278lbs) Max. weight capacity of unit: 504kg (1111 lbs) 5x5x2" boxes capacity: 700 boxes	Maximum load capacity: 550 Lbs on the base of chamber, evenly distributed
Storage capacity	2" box in 700 pieces and inventory 2ml vials in 70000 pieces	2" box in 380 pieces and inventory 2ml vial in 38000 pieces
Door and gasket	Inner door: Four inner doors External door: One VIP+CFC free foaming Agent door with 4 seal gasket	Inner door: three pieces removable foam External door: dual-level sealing gasket, lock-able, with hydraulic support
Access port	Two on the back, one inch diameter	Two, one on the side and one in the back, one inch diameter
Built-in swivel casters	Mobile caster	Six
Noise level	47 dBA	48 dBA
Unit/shipping dimensions	51 x 39.5 x 78 / 54 x 43.5 x 84.5" (WxDxH)	80 x 47 x 41" / 84 x 51 x 48" (WxDxH)
Unit/shipping weight	990 Lbs / 1070 Lbs	900 Lbs / 1100 Lbs
Safety	High/low-temperature alarms Hot condenser alarm Power failure High/low voltage Sensor error Low battery High ambient temperature Door ajar	Remote Alarm High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery Door Ajar
Compliance	UL STD 61010-1 CSA C22.2 CE	UL STD 61010-1 (standard) CSA C22.2 NO. 61010-1 (standard) UL STD 471 (optional)
Warranty	2-year full service, 3-year parts, 5-year compressor	One year

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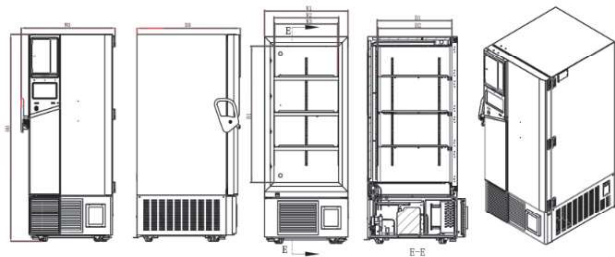
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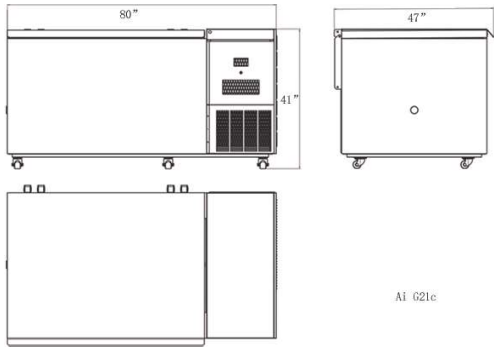
C34HE UPRIGHT FREEZER



Parameter Description:
W0--Overall width of the machine
W1--Outer width of the cabinet
W2--Inner liner width
W3--Width of inner shelf
(Width of shelf for effective placement of freezing rack)
D0--Overall depth of the machine
D1-- Inner liner depth
D2-- Inner depth of shelf
(Depth of shelf for effective placement of freezing rack)
H0--Overall height of the machine
H1--Inner liner height

W0	W1	W2	W3	H0	H1	D0	D1	D2
1296mm	1196mm	1016mm	1000mm	1980mm	1310mm	998mm	716mm	706mm

G21C CHEST FREEZER



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