

-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)
- Central control with large 7" touch screen LCD display provides you a graph of temperature vs time curve
- Wide operation temperature range from -40°C to -86°C
- All stainless steel interior 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, tons of security features to protect you, your products, and the unit
- Dual silicone sealing gaskets for ultra air tight operation
- 72 hour battery backup for controller
- USB interface for data export and storage
- Extremely quiet and reliable
- Front document holder for handy storage
- Environmental friendly refrigerant
- Use only RoSH compliant non-toxic components and materials
- Tons of safety functions
- Built-in swivel casters with adjustable support that will secure the unit on uneven floor



SPECIFICATIONS

MODEL	G04 UPRIGHT FREEZER	G04H UPRIGHT FREEZER	G18 UPRIGHT FREEZER
Electrical requirements	110V 60Hz 1-Phase 950 watts 8.6A	110V, 680W, 60Hz 1-Phase or 220V, 680W, 50Hz 1-Phase	110V 60Hz 1-Phase, 1160 watts 10.5A or 220V 60Hz 1-Phase, 1160 watts 5.3A
Temperature range	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C
Compressor	Make: SECOP (formerly known as Danfoss), Germany Power: 115V 60Hz 1-PHASE Number of compressor: one Refrigerant: CFC-free	Make: SECOP (formerly known as Danfoss), Germany Number of compressors: 110 V model: single 220 V model: dual, parallel Refrigerant: HC	Make: Embraco Power: 110V or 220V 60Hz, 1-PHASE Number of compressor: one Refrigerant: CFC-free
Chamber	Dimensions: 17.75 x 19 x 20" (WxDxH) Material: stainless steel Capacity: 4 Cu Ft	Dimensions: 13x19x25" (WxDxH) Material: stainless steel Capacity: 3.5 Cu Ft	Dimensions: 23 x 27.25 x 49.5" (WxDxH) Material: 304 stainless steel Capacity: 18 Cu Ft
Shelf	Come with unit: one adjustable shelf (2 compartments) Material: 304 stainless steel Capacity: 65 Lbs, evenly distributed Dimensions: 17.5 x 17.5 inches Additional price unit price: \$200	Come with unit: one shelf (2 compartments) Material: 304 stainless steel Capacity: 65Lbs. on three shelves, evenly distributed	Come with unit: three adjustable shelves (4 compartments) Material: 304 stainless steel Capacity: 110 Lbs on three shelves, evenly distributed 450 Lbs on the base of the chamber, evenly distributed Dimensions: 26 x 22.5 inches Additional price unit price: \$100
Storage capacity	2" box in 63 pieces and inventory 2ml vial in 6300 pieces	2" box in 63 pieces and inventory 2ml vial in 6300 pieces	2" box in 400 pieces and inventory 2ml vial in 40000 pieces
Door and gasket	Inner door: two, each with one sealing gasket External door: one with dual sealing gaskets, lock-able	Inner door: two, each with one sealing gasket External door: one with dual sealing gaskets, lock-able	Inner door: two, each with one sealing gasket External door: one with dual sealing gaskets, lock-able
Access port	One, 30mm diameter	One	Two, one on the side and one in the back, one inch diameter
Built-in swivel casters	Four	Four, with positioners	Four, with positioners
Noise level	48 dBA	46.8 dBA	48 dBA
Unit/shipping dimensions	42 x 28 x 32" / 46 x 32 x 45" (WxDxH)	30 x 26 x 32" / 33 x 28 x 38.5" (WxDxH)	35 x 42 x 76" / 41 x 47 x 85" (WxDxH)
Unit/shipping weight	380 Lbs / 455 Lbs	238 Lbs. / 291 Lbs	624 Lbs / 677 Lbs
Safety	Remote Alarm High/Low Temperature Hot Condenser Power Failure High/Low Voltage Sensor Error Low Battery High Ambient Temperature Door Ajar	Remote Alarm High/Low Temperature Hot Condenser 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 NO. 61010-1 UL STD 471 (optional)	UL STD 61010-1	UL STD 61010-1 CSA C22.2 NO. 61010-1 UL STD 471 (optional)
Warranty	Two years	Two years	Two years

SPECIFICATIONS

MODEL	G27 UPRIGHT FREEZER	G35 UPRIGHT FREEZER	G21C CHEST FREEZER
Electrical requirements	110V 60Hz 1-Phase, 1250 watts 11.4A or 220V 60Hz 1-Phase, 1600 watts 7.3A	220V 60Hz 1-Phase, 2000 watts 13.7A (NOT compatible with 220V 50Hz power)	220V 60Hz 1-Phase, 2057 watts 10.5A
Temperature range	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C
Compressor	Make: Embraco Power: 110V or 220V, 60Hz, 1-PHASE Number of compressor 110V model: single 220V model: dual, parallel Refrigerant: CFC-free	Make: SECOP Power: 220V 60Hz 1-PHASE Number of compressor: dual, parallel Refrigerant: CFC-free	Make: SECOP Power: 220V 60Hz 1-PHASE Number of compressor: dual, parallel Refrigerant: CFC-free
Chamber	Dimensions: 36.5 x 27.5 x 51" Material: 304 stainless steel Capacity: 27.1 Cu Ft	Dimensions: 40.25 x 27.5 x 54.25" (WxDxH) Material: 304 stainless steel Capacity: 34.6 Cu Ft	Dimensions: 47 x 32 x 24" (WxDxH) Material: 304 stainless steel Capacity: 21 Cu Ft
Shelf	Come with unit: three adjustable shelves (4 compartments) Material: 304 stainless steel Capacity: 110 Lbs on three shelves, evenly distributed 450 Lbs on the base of the chamber, evenly distributed Dimensions: 33 x 26 inches Additional price unit price: \$150	Come with unit: three adjustable shelves (4 compartments) Material: 304 stainless steel Capacity: 110 Lbs on three shelves, evenly distributed 450 Lbs on the base of the chamber, evenly distributed Dimensions: 40 x 27 inches Additional price unit price: \$250	Maximum load capacity: 550 Lbs on the base of chamber, evenly distributed
Storage capacity	2" box in 600 pieces and inventory 2ml vial in 60000 pieces	2" box in 770 pieces and inventory 2ml vial in 77000 pieces	2" box in 380 pieces and inventory 2ml vial in 38000 pieces
Door and gasket	Inner door: two, each with one sealing gasket External door: one with dual sealing gaskets, lock-able	Inner door: two, each with one sealing gasket External door: one with dual sealing gaskets, lock-able	External door: dual-level sealing gasket, lock-able, with hydraulic support Interior covers: three pieces removable foam
Access port	Two, one on the side and one in the back, one inch diameter	Two, one on the side and one in the back, one inch diameter	Two, one on the side and one in the back, one inch diameter
Built-in swivel casters	Four, with positioners	Four, with positioners	Six
Noise level	48 dBA	48 dBA	48 dBA
Unit/shipping dimensions	44 x 39 x 79" / 45 x 52 x 86" (WxDxH)	53 x 41.5 x 78" / 60 x 55 x 95" (WxDxH)	80 x 47 x 41" / 84 x 51 x 48" (WxDxH)
Unit/shipping weight	926 Lbs / 990 Lbs	950 Lbs / 1100 Lbs	900 Lbs / 1100 Lbs
Safety	Remote Alarm High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery Door Ajar	Remote Alarm High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery 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 NO. 61010-1 UL STD 471 (optional)	UL STD 61010-1 CSA C22.2 NO. 61010-1 UL STD 471 (optional)	UL STD 61010-1 CSA C22.2 NO. 61010-1 UL STD 471 (optional)
Warranty	Two years	Two years	Two years



G04



G04H



G18



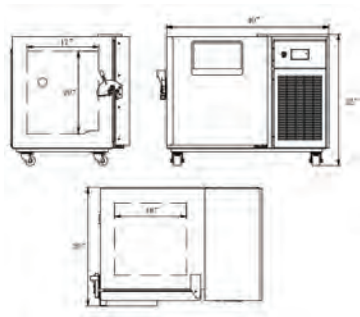
G27



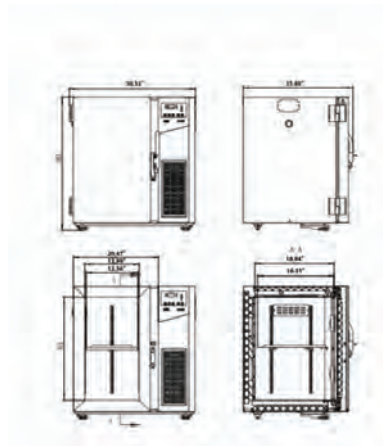
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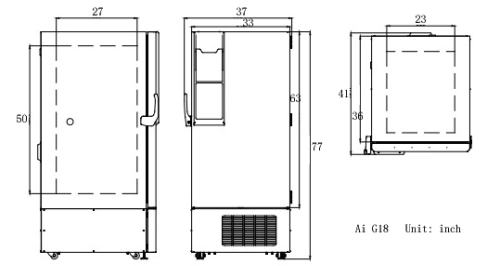
G21c



G04 UPRIGHT FREEZER

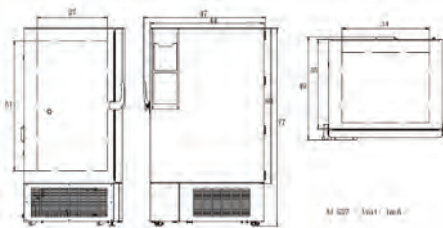


G04H UPRIGHT FREEZER

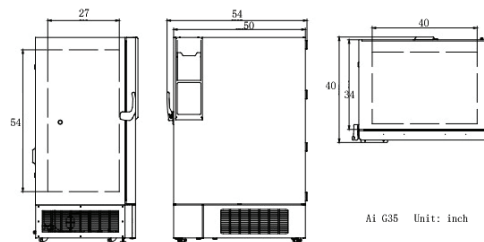


AI G18 Unit: inch

G18 UPRIGHT FREEZER

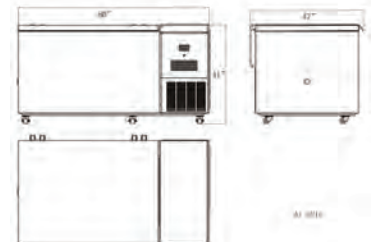


G27 UPRIGHT FREEZER



AI G35 Unit: inch

G35 UPRIGHT FREEZER



AI G21c

G21c CHEST FREEZER