

-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 guiet 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





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SPECIFICATIONS

Total Compensation	MODEL	G04 UPRIGHT FREEZER	G04H UPRIGHT FREEZER	G12H UPRIGHT FREEZER
Make: SECOP formerly known as Danfoss), Germany, Community (Community) Make: Hermatic Reciprocating = SECOP x2 Number of compressors one Refrigerant: HC Number of compressors one 110V models single Refrigerant: HC Number of compressors in 10V models single Refrigerant: HC Number of compressors in 10V models single Refrigerant: HC Number of compressors in 10V models single Refrigerant: HC Number of compressors in 10V models single Refrigerant: HC Number of Comparisors in 10V models single Refrigerant: HC Numbe	Electrical requirements	110V 60Hz 1-Phase 950 watts 8.6A		110V 60Hz 1-Phase 950W
Compressor Compressor Community Compressor Comp	Temperature range	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C
Chamber Material: Stainless steel Capacity: 4 Cu Ft Material: Powder coated steel Capacity: 12 Cu Ft Material: Powder coated steel Capacity: 12 Cu Ft Shelf Come with unit: one adjustable shelf (2 compartments) Material: 304 stainless steel Capacity: 65 Lbs, evenly distributed Dimensions: 127-58 x 12.5 inches Additional price unit price: \$200 Come with unit: one shelf (2 compartments) Material: 304 stainless steel Come with unit: one shelf (2 compartments) Material: 304 stainless steel Capacity: 65 Lbs, evenly distributed Dimensions: 17.75 x 23.5° Storage capacity Pflizer vaccine-6,240 vials 31.200 doses Pflizer vaccine-4,680 vials 23,400 doses Pflizer vaccine-32,100 vials 160,500 doses Door and gasket Inner door: two, each with one sealing gasket External door: one with dual sealing gasket External door: one with dual sealing gasket External door: one with dual sealing gasket External door one with dual sealing gasket External door one with dual sealing gasket. External door one wit	Compressor	Germany Power: 115V 60Hz 1-PHASE Number of compressor: one	Germany Number of compressors: one 110 V model: single	Number of compressors: one 110 V model: single
Compartments Capacity	Chamber	Material: Stainless steel	Material: Powder coated steel	Material: Powder coated steel
Door and gasket Inner door: two, each with one sealing gasket External door: one with dual sealing gasket External door: one with dual sealing gasket External door: one with dual sealing gaskets, lock-able	Shelf	(2 compartments) Material: 304 stainless steel Capacity: 65 Lbs, evenly distributed Dimensions: 17.5 x 17.5 inches		(4 compartments) Material: 304 stainless steel Capacity: 110 Lbs, evenly distributed
External door: one with dual sealing gaskets, lock-able	Storage capacity			Pfizer vaccine:32,100 vials 160,500 doses
Built-in swivel casters Four Four, with positioners Four displayed and position of BA Wand Park Park Park Park Park Park Park Park	Door and gasket	External door: one with dual sealing gaskets,	External door: one with dual sealing gaskets,	External door: one with dual sealing
Noise level 48 dBA 46.8 dBA 50 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) 32.7 x 35.2 x 72.7"/34.4 x 38.2 x 79.1 Unit/shipping weight Remote Alarm High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery Door Ajar Poor Ajar UL STD 61010-1 (standard) UL STD 471 (optional) 46.8 dBA 46.8 dBA 50 dBA 50 dBA 50 dBA 50 dBA 42 x 28 x 32" / 46 x 32 x 45" (WxDxH) 32.7 x 35.2 x 72.7"/34.4 x 38.2 x 79.1 46.8 dBA 50 dBA 50 dBA 50 dBA 50 dBA 42 x 28 x 32" / 46 x 32 x 45" (WxDxH) 32.7 x 35.2 x 72.7"/34.4 x 38.2 x 79.1 41.6 x 10 lbs Figh/Low Temperature Alarms Hot Condenser Power Failure Sensor Error Low Battery High/Low Voltage Sensor Error Low Battery Door Ajar Backup battery for controller and alarm functions UL 61010-1 CSA C22.2 NO. 61010-1 (standard) UL STD 471 (optional)	Access port	One, 30mm diameter	One	Two
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) 32.7 x 35.2 x 72.7"/34.4 x 38.2 x 79.1 Unit/shipping weight 380 Lbs / 455 Lbs 238 Lbs. / 291 Lbs 525 lbs / 615 lbs Remote Alarm High/Low Temperature Alarms Hot Condenser Power Failure Power Failure High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery Door Ajar Compliance UL STD 61010-1 (standard) CSA C22.2 NO. 61010-1 (standard) UL STD 471 (optional) UL STD 471 (optional)	Built-in swivel casters	Four	Four, with positioners	Four, with positioners
Unit/shipping weight Remote Alarm High/Low Temperature High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery Door Ajar UL STD 61010-1 (standard) UL STD 471 (optional) Remote Alarm High/Low Temperature Power Failure High/Low Temperature Power Failure High/Low Temperature Power Failure High/Low Temperature Power Failure Sensor Error Low Battery Alarm High Ambient Temp Door Ajar Backup battery for controller and alarm functions UL 61010-1 CSA C22.2 UL 61010-1 CSA C22.2	Noise level	48 dBA	46.8 dBA	50 dBA
Remote Alarm Remote Alarm High/Low Temperature Alarms Hot Condenser Power Failure Power Failure High/Low Voltage High/Low Voltage Sensor Error Low Battery Door Ajar Compliance Power Failure High/Low Voltage Sensor Error Sensor Error Low Battery Door Ajar UL STD 61010-1 (standard) UL STD 471 (optional) High/Low Temperature Alarms Hot Condenser Power Failure Power Failure Sensor Error Low Battery Alarm High Ambient Temp Door Ajar Backup battery for controller and alarm functions UL 61010-1 CSA C22.2 NO. 61010-1 (standard) UL STD 471 (optional)	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)	32.7 x 35.2 x 72.7"/34.4 x 38.2 x79.1
Remote Alarm High/Low Temperature High/Low Temperature Power Failure Power Failure High/Low Voltage High/Low Voltage Sensor Error Low Battery Low Battery Door Ajar Compliance Remote Alarm High/Low Temperature Power Failure Power Failure Power Failure Low Battery Power Failure Sensor Error Low Battery Alarm High Ambient Temp Door Ajar Door Ajar Backup battery for controller and alarm functions UL STD 61010-1 (standard) UL STD 61010-1 (standard) UL STD 471 (optional)	Unit/shipping weight	380 Lbs / 455 Lbs	238 Lbs. / 291 Lbs	525 lbs / 615 lbs
Compliance CSA C22.2 NO. 61010-1 (standard) UL 61010-1 CSA C22.2 UL STD 471 (optional)	Safety	High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery	High/Low Temperature Power Failure High/Low Voltage Sensor Error Low Battery	Hot Condenser Power Failure Sensor Error Low Battery Alarm High Ambient Temp Door Ajar Backup battery for controller
Warranty One year 2-year full service, 3-year parts, 5-year compressor	Compliance	CSA C22.2 NO. 61010-1 (standard)		
	Warranty	One year	2-year full service, 3-year parts, 5-year compressor	



G04 UPRIGHT FREEZER



G04H UPRIGHT FREEZER



G12H UPRIGHT FREEZER









