



Yamato Freezers & Refrigerators

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Ultra Low Freezers



ULF Series

Temperature range -40°C to -85°C / -40°F to -121°F
-40°C to -80°C / -40°F to -112°F

Style Chest (Horizontal) Upright (Vertical) Undercounter

1 ULF SERIES CHEST AND UPRIGHT ULTRA LOW FREEZERS

■ Features

- Digital temperature control with dual display and adjustable temperature range. Scan button for setting temperature and tamper proof lockout
- Quick pull-down to operating temperature with efficient and reliable cascade refrigeration. Two large hermetic compressors ensure rapid pull-down of product load. Because of the unique design of the freezers, the pressure in the refrigeration system is held very low, eliminating excessive heat build up. This low pressure allows the freezer to operate efficiently, extending compressor life.
- Compressor life is extended by an energy-saving low stage which operates only on demand.
- Compressors are protected with a constant flow of refrigerant
- Heat is efficiently and effectively dissipated by an air-cooled condenser with two heavy-duty fans. Condenser requires no liquid coolant
- Freezer has automatic timer system that restarts unit in case of power failure
- Frost and ice build-up along the gasket is minimized by a heater harness located beneath the channel
- CFC-Free R-508B and R-404A refrigerants

■ Primary Uses

- Clinics
- Research
- Small laboratories
- Hospital rooms
- Medical clinics

■ Common Specifications

Temperature control system	Digital control displays set point and chamber temperature
Digital alarm system with relay	Battery operated alarm system will emit an audible and visual signal when there is a mechanical or electrical failure. Alarm has over and under temperature setting, alarm silencing switch, and battery test switch. Also provided is a relay for remote alarm hook-up.
Refrigeration system	Cascade type - Two hermetic compressors. CFC & HCFC free refrigerants
Construction	Chamber is 14-ga. zinc coated galvanized steel. Exterior is 16-ga. steel. Powder coated cool gray finish.
Electrical requirements	115V, 60 Hz, 1 phase 208V, 60 Hz, 1 phase 230V, 60 Hz, 1 phase 220V, 50 Hz, 1 phase 220V, 60 Hz, 1 phase
Optional accessories	Chart recorder, CO ² and LN ² back-up system, Racks, Cold safety gloves

■ Unique Specifications for CHEST TYPE (HORIZONTAL) Ultra Low Freezers - Top Opening

Model	Capacity		Rack Capacity	Temp. Range	Internal Dimension		External Dimension	
	Liters	Cu. ft.			Inch	Centimeter	Inch	Centimeter
ULF001C	56	2	6	-40°C to -85°C / -40°F to -121°F	17" x 14" x 14"	43 x 35 x 35	25.25" x 25.75" x 40"	64 x 65 x 101
ULF101C	83	3	8	-40°C to -85°C / -40°F to -121°F	24" x 12" x 18"	60 x 30 x 45	34.5" x 25.25" x 48"	87 x 64 x 121
ULF201C	142	5	15	-40°C to -85°C / -40°F to -121°F	30" x 18" x 16"	76 x 45 x 40	40.5" x 31" x 47"	102 x 81 x 119
ULF301C	255	9	16	-40°C to -85°C / -40°F to -121°F	46" x 16" x 20"	116 x 40 x 50	57.5" x 29" x 46.5"	146 x 73 x 116
ULF401C	340	12	27	-40°C to -85°C / -40°F to -121°F	55" x 19" x 20"	139 x 48 x 50	65.5" x 32" x 47.5"	166 x 81 x 120
ULF501C	400	14	30	-40°C to -85°C / -40°F to -121°F	62" x 20" x 20"	157 x 50 x 50	72.5" x 33" x 47.5"	184 x 83 x 120
ULF601C	480	17	36	-40°C to -85°C / -40°F to -121°F	69" x 20" x 21"	175 x 50 x 53	81.25" x 33.5" x 48.5"	206 x 85 x 123
ULF701C	594	21	36	-40°C to -80°C / -40°F to -112°F	81" x 21.5" x 21"	205 x 54 x 53	91" x 36" x 49"	231 x 91 x 124
ULF801C	626	22	36	-40°C to -85°C / -40°F to -121°F	67" x 19" x 30"	170 x 48 x 76	98" x 36" x 43.5"	248 x 91 x 110
ULF901C	766	27	48	-40°C to -80°C / -40°F to -112°F	67" x 23" x 31.25"	170 x 57 x 79	98" x 36" x 43.5"	248 x 91 x 110

CHEST TYPE (HORIZONTAL) Ultra Low Freezers - Top Opening



56L
ULF001C



83L
ULF101C



142L
ULF201C



340L
ULF401C



480L
ULF601C



766L
ULF901C

■ Unique Specifications for **UPRIGHT TYPE (VERTICAL) Ultra Low Freezers**

Model	Capacity		Rack Capacity	Shelving	Temp. Range	Internal Dimension		External Dimension	
	Liters	Cu. ft.				Inch	Centimeter	Inch	Centimeter
ULF401U	370	13	15	4 adjustable (5 compartments)	-40°C to -85°C / -40°F to -121°F	20" x 22" x 51.25"	50 x 55 x 130	35" x 34.5" x 79.5"	88 x 87 x 201
ULF501U	505	18	20	4 adjustable (5 compartments)	-40°C to -85°C / -40°F to -121°F	23" x 26" x 51.25"	58 x 66 x 130	40" x 36" x 79.5"	101 x 91 x 201
ULF601U	626	22	25	4 adjustable (5 compartments)	-40°C to -85°C / -40°F to -121°F	28.5" x 26" x 51.25"	72 x 66 x 130	43" x 37" x 79.5"	109 x 93 x 201
ULF701U	710	25	30	4 adjustable (5 compartments)	-40°C to -85°C / -40°F to -121°F	34" x 25" x 51.25"	86 x 63 x 130	50" x 37" x 79.5"	127 x 93 x 201
ULF801U	792	28	30	4 adjustable (5 compartments)	-40°C to -80°C / -40°F to -112°F	38" x 25" x 51.25"	96 x 63 x 130	54" x 37" x 79.5"	137 x 93 x 201
ULF901U	877	31	35	4 fixed (5 compartments)	-40°C to -80°C / -40°F to -112°F	42" x 25" x 51.25"	106 x 63 x 130	60.5" x 37" x 79.5"	153 x 93 x 201



370L
ULF401U



505L
ULF501U



710L
ULF701U



877L
ULF901U

2 ULF SERIES UNDERCOUNTER MINI-CHEST ULTRA LOW FREEZERS

Common Specifications

Temperature range	-40°C to -85°C / -76°F to -121°F
Temperature control system	Digital data logging. Battery back-up, Hi/Low alarm.
Clearance	4" on sides and back.
Alarm system	Battery operated alarm system will emit an audible and visual signal when there is a mechanical or electrical failure. A relay for a remote alarm hook-up is also provided
Doors	Single solid, locking
Legs	Four, leveling
Evaporator	Cold wall
Defrost	Manual
Insulation	Polyurethane CFC Free
Electrical requirements	115V, 60 Hz, 1 phase
Supply plug	NEMA 5-15P ETL listed

Unique Specifications for UNDERCOUNTER Ultra Low Freezers

Model	Capacity		Internal Dimension		External Dimension	
	Liters	Cu. ft.	Inch	Centimeter	Inch	Centimeter
ULF101UN	54	2	14" x 18" x 12.5"	35 x 45 x 31	23" x 27" x 32"	58 x 68 x 81
ULF201UN	94	3	14" x 19.25" x 20.75"	36 x 49 x 53	37.5" x 28.5" x 32"	95.25 x 72 x 81



54L
ULF101UN



94L
ULF201UN

Ultra Low Freezers



ULF PLATINUM Series

Temperature range -40°C to -85°C / -40°C to -80°C

Style Chest (Horizontal) Upright (Vertical)

ULF PLATINUM SERIES CHEST AND UPRIGHT ULTRA LOW FREEZERS

■ Features

- Digital temperature control with dual display and adjustable temperature range. Scan button for setting temperature and tamper proof lockout
- Quick pull-down to operating temperature with efficient and reliable cascade refrigeration. Two large hermetic compressors ensure rapid pull-down of product load. Because of the unique design of the freezers, the pressure in the refrigeration system is held very low, eliminating excessive heat build up. This low pressure allows the freezer to operate efficiently, extending compressor life.
- Compressor life is extended by an energy-saving low stage which operates only on demand.
- Compressors are protected with a constant flow of refrigerant
- Heat is efficiently and effectively dissipated by an air-cooled condenser with two heavy-duty fans. Condenser requires no liquid coolant
- Freezer has automatic timer system that restarts unit in case of power failure
- Frost and ice build-up along the gasket is minimized by a heater harness located beneath the channel
- CFC-Free R-508B and R-404A refrigerants

■ Primary Uses

- Clinics
- Research
- Small laboratories
- Hospital rooms
- Medical clinics

■ Common Specifications

Temperature control system	Touch Screen control Displays set point and chamber temperature Hi/Low Alarm W/ Email and SMS notification Alarm Relay Dry Contacts Power Failure Dry Contacts Battery Back-up Viewable Temperature graph Data logging downloadable via USB or FTP Multi-Level Security VNC Remote Access via PC / smart devices
Digital alarm system with relay	Battery operated alarm system will emit an audible and visual signal when there is a mechanical or electrical failure. The alarm has an over and under temperature setting, alarm silencing switch. A relay for a remote alarm hook-up is also provided.
Access port	Mounted in left hand side of the cabinet will be a 1/2" porthole leading into the chilling chamber, complete with plugs.
Refrigeration system	Cascade Type - Two hermetic motor compressors. CFC & HCFC free refrigerants
Construction	Chamber is 14-ga. Zinc coated galvanized steel. Exterior is 16-ga. steel. Powder coated cool gray finish.
Electrical requirements	115V, 60 Hz, 1 phase 208V, 60 Hz, 1 phase 230V, 60 Hz, 1 phase 220V, 50 Hz, 1 phase 220V, 60 Hz, 1 phase
Optional accessories	CO ² and LN ² back-up system, Racks, Cold safety gloves

■ Unique Specifications for PLATINUM CHEST TYPE (HORIZONTAL) Ultra Low Freezers - Top Opening

Model	Capacity		Rack Capacity	Temp. Range	Internal Dimension		External Dimension	
	Liters	Cu. ft.			Inch	Centimeter	Inch	Centimeter
ULF001CP	56	2	6	-40°C to -85°C	17" x 14" x 14"	43 x 35 x 35	25.25" x 25.75" x 40"	64 x 65 x 101
ULF101CP	83	3	8	-40°C to -85°C	24" x 12" x 18"	60 x 30 x 45	34.5" x 25.25" x 48"	87 x 64 x 121
ULF201CP	142	5	15	-40°C to -85°C	30" x 18" x 16"	76 x 45 x 40	40.5" x 31" x 47"	102 x 81 x 119
ULF301CP	255	9	16	-40°C to -85°C	46" x 16" x 20"	116 x 40 x 50	57.5" x 29" x 46.5"	146 x 73 x 116
ULF401CP	340	12	27	-40°C to -85°C	55" x 19" x 20"	139 x 48 x 50	65.5" x 32" x 47.5"	166 x 81 x 120
ULF501CP	400	14	30	-40°C to -85°C	62" x 20" x 20"	157 x 50 x 50	72.5" x 33" x 47.5"	184 x 83 x 120
ULF601CP	480	17	36	-40°C to -85°C	69" x 20" x 21"	175 x 50 x 53	81.25" x 33.5" x 48.5"	206 x 85 x 123
ULF701CP	595	21	36	-40°C to -80°C	81" x 21.5" x 21"	205 x 54 x 53	91" x 36" x 49"	231 x 91 x 124
ULF801CP	626	22	36	-40°C to -85°C	67" x 19" x 30"	170 x 48 x 76	98" x 36" x 43.5"	248 x 91 x 110
ULF901CP	766	27	48	-40°C to -80°C	67" x 23" x 31.25"	170 x 57 x 79	98" x 36" x 43.5"	248 x 91 x 110

PLATINUM CHEST TYPE (HORIZONTAL) Ultra Low Freezers - Top Opening



56L
ULF001CP



142L
ULF201CP



340L
ULF401CP



480L
ULF601CP



766L
ULF901CP

■ Unique Specifications for **PLATINUM UPRIGHT TYPE (VERTICAL) Ultra Low Freezers with Door Mounted Touch Screen Control**

Model	Capacity		Rack Capacity	Shelving	Temp. Range	Internal Dimension		External Dimension	
	Liters	Cu. ft.				Inch	Centimeter	Inch	Centimeter
ULF401UP	370	13	15	4 adjustable (5 compartments)	-40°C to -85°C	20" x 22" x 51.25"	50 x 55 x 130	35" x 34.5" x 79.5"	88 x 87 x 201
ULF501UP	505	18	20	4 adjustable (5 compartments)	-40°C to -85°C	23" x 26" x 51.25"	58 x 66 x 130	40" x 36" x 79.5"	101 x 91 x 201
ULF601UP	626	22	25	4 adjustable (5 compartments)	-40°C to -85°C	28.5" x 26" x 51.25"	72 x 66 x 130	43" x 37" x 79.5"	109 x 93 x 201
ULF701UP	710	25	30	4 adjustable (5 compartments)	-40°C to -85°C	34" x 25" x 51.25"	86 x 63 x 130	50" x 37" x 79.5"	127 x 93 x 201
ULF801UP	792	28	30	4 adjustable (5 compartments)	-40°C to -80°C	38" x 25" x 51.25"	96 x 63 x 130	54" x 37" x 79.5"	137 x 93 x 201
ULF901UP	877	31	35	4 adjustable (5 compartments)	-40°C to -80°C	42" x 25" x 51.25"	106 x 63 x 130	60.5" x 37" x 79.5"	153 x 93 x 201



370L
ULF401UP



505L
ULF501UP



710L
ULF701UP



877L
ULF901UP

Low Temperature Freezers



LTF Series

Temperature range 0°C ~ -40°C / +32°F ~ -40°F

Style Chest (Horizontal) Upright (Vertical)

LTF SERIES CHEST AND UPRIGHT LOW TEMPERATURE FREEZERS

Every freezer is fully tested for 7 days under the most demanding conditions. The constant ultra low setpoint operating temperature is guaranteed in warm (+30°C) temp. environments.

Common Specifications

Temperature range	0°C ~ -40°C / +32°F ~ -40°F
Temperature control system	Digital Control with two temperature displays. One display shows the set temperature, the other shows the actual temperature in the freezer.
Digital alarm system with relay	Battery operated alarm system will emit an audible and visual signal when there is a mechanical or electrical failure. The alarm has an over and under temperature setting, alarm silencing switch, and battery test switch. Also provided is a relay for remote alarm hook-up.
Refrigeration system	Single stage system with one hermetic compressor. CFC & HCFC free refrigerants
Construction	Chamber is 14-ga. zinc coated galvanized steel. Exterior is 16-ga. steel. Powder coated cool gray finish.
Electrical requirements	115V, 60 Hz, 1 phase 208V, 60 Hz, 1 phase 230V, 60 Hz, 1 phase 220V, 50 Hz, 1 phase 220V, 60 Hz, 1 phase
Optional accessories	Chart recorder, CO ² and LN ² back-up system, Racks, Cold safety gloves

Primary Uses

- Clinics
- Research
- Small laboratories
- Hospital rooms
- Medical clinics

Unique Specifications for CHEST TYPE (HORIZONTAL) Low Temperature Freezers - Top Opening

Model	Capacity		Rack Capacity	Internal Dimension		External Dimension	
	Liters	Cu. ft.		Inch	Centimeter	Inch	Centimeter
LTF001C	56	2	6	17" x 14" x 14"	43 x 35 x 35	25.25" x 25.75" x 40"	64 x 65 x 101
LTF101C	83	3	8	24" x 12" x 18"	61 x 31 x 46	34.5" x 25.25" x 48"	87 x 64 x 121
LTF201C	142	5	15	30" x 18" x 16"	76 x 46 x 40.	40.5" x 31" x 47"	102 x 81. x 119
LTF301C	255	9	16	45.5" x 16" x 20"	115 x 40 x 50	57.5" x 29 x 46.5"	146 x 73 x 116
LTF401C	340	12	27	55" x 19" x 20"	139 x 48 x 50	65.5" x 32" x 47.5"	166 x 81 x 120
LTF501C	400	14	30	62" x 20" x 20"	157 x 50 x 50	72.5" x 33" x 47.5"	184 x 83 x 120
LTF601C	480	17	36	69" x 20" x 21"	175 x 50 x 53	81.25" x 33.5" x 48.5"	206 x 85 x 123
LTF701C	594	21	42	81" x 21.5" x 21"	205 x 54 x 53	91" x 36" x 49"	231 x 91 x 124
LTF801C	626	22	36	67" x 19" x 30"	170 x 48 x 76	98" x 36" x 43.5"	248 x 91 x 110
LTF901C	766	27	48	67" x 23" x 31.25"	170 x 57 x 79	98" x 36" x 43.5	248 x 91 x 110



56L
LTF001C



83L
LTF101C



340L
LTF401C

CHEST TYPE (HORIZONTAL) Low Temperature Freezers - Top Opening



480L
LTF601C



766L
LTF901C

Unique Specifications for UPRIGHT TYPE (VERTICAL) Low Temperature Freezers

Model	Capacity		Rack Capacity	Shelving	Internal Dimension		External Dimension	
	Liters	Cu. ft.			Inch	Centimeter	Inch	Centimeter
LTF401U	370	13	15	4 adjustable (5 compartments)	20" x 22" x 51.25"	50 x 55 x 130	35" x 34.5" x 79.5"	88 x 87 x 201
LTF501U	505	18	20	4 adjustable (5 compartments)	23" x 26" x 51.25"	58 x 66 x 130	40" x 36" x 79.5"	101 x 91 x 201
LTF601U	626	22	25	4 adjustable (5 compartments)	28.5" x 26" x 51.25"	72 x 66 x 130	43" x 37" x 79.5"	109 x 93 x 201
LTF701U	710	25	30	4 adjustable (5 compartments)	34" x 25" x 51.25"	86 x 63 x 130	50" x 37" x 79.5"	127 x 93 x 201
LTF901U	792	28	30	4 adjustable (5 compartments)	38" x 25" x 51.25"	96 x 63 x 130	54" x 37" x 79.5"	137 x 93 x 201



370L
LTF401U



710L
LTF701U



792L
LTF901U

Low Temperature Freezers



LTF PLATINUM Series

Temperature range 0°C ~ -40°C

Style Chest (Horizontal) Upright (Vertical)

LTF PLATINUM SERIES CHEST AND UPRIGHT LOW TEMPERATURE FREEZERS

Every freezer is fully tested for 7 days under the most demanding conditions. The constant ultra low setpoint operating temperature is guaranteed in warm (+30°C) temp. environments.

Common Specifications

Temperature control system	Touch Screen control Displays set point and chamber temperature Hi/Low Alarm W/ Email and SMS notification Alarm Relay Dry Contacts Power Failure Dry Contacts Battery Back-up Viewable Temperature graph Data logging downloadable via USB or FTP Multi-Level Security VNC Remote Access via PC / smart devices
Digital alarm system with relay	Battery operated alarm system will emit an audible and visual signal when there is a mechanical or electrical failure. The alarm has an over and under temperature setting, alarm silencing switch. A relay for a remote alarm hook-up is also provided.
Access port	Mounted in left hand side of the cabinet will be a 1/2" porthole leading into the chilling chamber, complete with plugs.
Refrigeration system	Single stage system with one hermetic compressors. CFC & HCFC free refrigerants
Construction	Chamber is 14-ga. Zinc coated galvanized steel. Exterior is 16-ga. steel. Powder coated cool gray finish.
Electrical requirements	115V, 60 Hz, 1 phase 208V, 60 Hz, 1 phase 230V, 60 Hz, 1 phase 220V, 50 Hz, 1 phase 220V, 60 Hz, 1 phase
Optional accessories	Chart recorder, CO ² and LN ² back-up system, Racks, Cold safety gloves

Primary Uses

- Clinics
- Research
- Small laboratories
- Hospital rooms
- Medical clinics

Unique Specifications for PLATINUM CHEST TYPE (HORIZONTAL) Low Temperature Freezers - Top Opening

Model	Capacity		Rack Capacity	Internal Dimension		External Dimension	
	Liters	Cu. ft.		Inch	Centimeter	Inch	Centimeter
LTF101CP	83	3	8	24" x 12" x 18"	61 x 31 x 46	34.5" x 25.25" x 48"	87 x 64 x 121
LTF201CP	142	5	15	30" x 18" x 16"	76 x 46 x 40.	40.5" x 31" x 47"	102 x 81.x 119
LTF301CP	255	9	16	45.5" x 16" x 20"	115 x 40 x 50	57.5" x 29 x 46.5"	146 x 73 x 116
LTF401CP	340	12	27	55" x 19" x 20"	139 x 48 x 50	65.5" x 32" x 47.5"	166 x 81 x 120
LTF501CP	400	14	30	62" x 20" x 20"	157 x 50 x 50	72.5" x 33" x 47.5"	184 x 83 x 120
LTF601CP	480	17	36	69" x 20" x 21"	175 x 50 x 53	81.25" x 33.5" x 48.5"	206 x 85 x 123
LTF701CP	594	21	42	81" x 21.5" x 21"	205 x 54 x 53	91" x 36" x 49"	231 x 91 x 124
LTF801CP	626	22	36	67" x 19" x 30"	170 x 48 x 76	98" x 36" x 43.5"	248 x 91 x 110
LTF901CP	766	27	48	67" x 23" x 31.25"	170 x 57 x 79	98" x 36" x 43.5	248 x 91 x 110



83L
LTF101CP



255L
LTF301CP



340L
LTF401CP

PLATINUM CHEST TYPE (HORIZONTAL) Low Temperature Freezers - Top Opening



480L
LTF601CP



766L
LTF901CP

Unique Specifications for PLATINUM UPRIGHT TYPE (VERTICAL) Low Temp. Freezers with Door Mounted Touch Screen Control

Model	Capacity		Rack Capacity	Shelving	Internal Dimension		External Dimension	
	Liters	Cu. ft.			Inch	Centimeter	Inch	Centimeter
LTF401UP	370	13	15	4 adjustable (5 compartments)	20" x 22" x 51.25"	50 x 55 x 130	35" x 34.5" x 79.5"	88 x 87 x 201
LTF501UP	505	18	20	4 adjustable (5 compartments)	23" x 26" x 51.25"	58 x 66 x 130	40" x 36" x 79.5"	101 x 91 x 201
LTF601UP	626	22	25	4 adjustable (5 compartments)	28.5" x 26" x 51.25"	72 x 66 x 130	43" x 37" x 79.5"	109 x 93 x 201
LTF701UP	710	25	30	4 adjustable (5 compartments)	34" x 25" x 51.25"	86 x 63 x 130	50" x 37" x 79.5"	127 x 93 x 201
LTF801UP	792	28	30	4 adjustable (5 compartments)	38" x 25" x 51.25"	96 x 63 x 130	54" x 37" x 79.5"	137 x 93 x 201



370L
LTF401UP



710L
LTF701UP



792L
LTF801UP

Undercounter and Countertop Freezers

Lab and Pharmacy Freezers with Solid Door



UCF Series

Door type Solid

Internal capacity 42L / 1.5 cu.ft. 48L / 1.7 cu.ft. 90L / 3.2 cu.ft.

Specifications

Model	UCF000	UCF001	UCF101A	UCF101B
Capacity	42L / 1.5 cu.ft.	48L / 1.7 cu.ft.	90L / 3.2 cu.ft.	90L / 3.2 cu.ft.
Temperature range	-20°C / -4°F	-15°C to -25°C / 5°F to -13°F	-10°C to -25°C / 14°F to -13°F	-20°C to -40°C / -4°F to -40°F
Temperature control	Mechanical dial thermostat	Digital display		
Alarm system	N/A	High / Low temperature, door ajar power failure, low battery sensor failure, USB failure		
Data logging	N/A	Yes, adjustable intervals		
Data download	N/A	N/A	Yes, via USB, PDF format	
Min / Max temperature	N/A	Yes, display and reset		
Alarm relay	N/A	Yes, dry contacts		
Back-up battery	N/A	N/A	Yes, only powers alarm	
Access port	3/8" diameter		1" diameter	
Shelves	1 fixed shelf	2 adjustable shelves, base shelf		
Insulation	Urethane foam	US EPA and SNAP approved		
Refrigerant	R600a	R290		
Compressor	Hermetic compressor			
Air circulation	Gravity flow	Direct cooling		
Defrost	Manual			
Exterior construction	Painted steel			
Interior construction	Steel	Painted aluminum		
Lockable door	Yes, keyed			
Leveling legs	4	2 front		
Casters	N/A	N/A	2 rear	
Internal dimensions (WxDxH)	14" x 13.25" x 14.5" 35 x 33 x 36 mm	17.75" x 13.75" x 16" 45 x 34 x 40 cm	19.5" x 15.75" x 22" 50 x 40 x 56 cm	20" x 19.5" x 24.25" 50 x 49 x 61 cm
External dimensions (WxDxH)	18.5" x 19.5" x 19.5" 46 x 49 x 49 cm	28.75" x 24" x 20.5" 74 x 61 x 53 cm	23.75" x 21.5" x 32" 60 x 64 x 84 cm	24" x 24" x 33" 61 x 61 x 83 cm
Weight	~ 50 lbs.	115 lbs.	165 lbs.	
Voltage	115V, 60 Hz, 1 phase			
Amperage Line Running	15 Amp Dedicated 1.1A		15 Amp Dedicated 1.66A	15 Amp Dedicated 4.19A
Supply plug	NEMA 5-15			
Certification	N/A	UL listed, C-UL, Energy Star	UL listed	
Optional accessories	Chart recorder, cold safety gloves			



42L
UCF000



48L
UCF001



90L
UCF101A



90L
UCF101B

Undercounter and Countertop Refrigerators



Lab and Pharmacy Refrigerators

UCR Series

Temperature range 2°C to 8°C / 35°F to 46°F

Door type Solid Door Glass Door

Internal capacity 75L 2.64 cu.ft. 130L 4.6 cu.ft.

Specifications

Model	UCR001	UCR001G	UCR101	UCR101G
Capacity	75L / 2.64 cu.ft.	75L / 2.64 cu.ft.	130L / 4.6 cu.ft.	130L / 4.6 cu.ft.
Door	Single solid, lockable (keyed)	Single glass, lockable (keyed)	Single solid, lockable (keyed)	Single glass, lockable (keyed)
Temperature range	2°C to 8°C / 35°F to 46°F			
Digital type	Microprocessor, digital			
Alarms	Hi / Low temperature, door ajar power failure, low battery sensor failure, USB failure			
Porthole	1" diameter			
Storage	2 adjustable shelves, 1 basket			
Insulation	US EPA and SNAP approved			
Exterior	Steel			
Refrigerant	R600a			
Compressor	Hermetic compressor			
Air circulation	Forced air			
Defrost	Automatic			
Exterior construction	Painted white			
Casters	2 rear, with leveling feet			
Internal dimensions (WxDxH)	17.5" x 17.5" x 21.75" 44 x 44 x 54 cm		21.5" x 20" x 23.25" 55 x 51 x 59 cm	
External dimensions (WxDxH)	21.25" x 22" x 30" 54 x 56 x 76 cm		25.75" x 24.75" x 32" 65 x 63 x 81 cm	
Weight	150 lbs.		165 lbs.	
Voltage	115V, 60 Hz, 1 phase			
Amperage line / running	15amd dedicated / 2.28A			
NEMA configuration	NEMA 5-15, comes with plug			
Optional accessories	Chart recorder, cold safety gloves, extra shelves			



75L
UCR001



75L
UCR001G

130L
UCR101

130L
UCR101G

Laboratory Freezer/Refrigerator Combination



RFC Series

Internal capacity	515L 18.2 cu.ft	1359L 48 cu.ft	1982L 70 cu.ft
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■ Features

- Digital temperature display
- High/Low alarm
- Two solid locking doors
- Auto or manual defrost available
- Locking casters
- Adjustable shelves
- CFC-free refrigerant and insulation
- UL listed
- Stainless exterior / interior available
- Optional chart recorder

■ Primary Uses

- Laboratories
- Pharmacies

■ Specifications

Model	RFC501	RFC1301	RFC2001
Capacity	515L / 18.2 cu.ft.	1359L / 48 cu.ft.	1982L / 70 cu.ft.
Refrigerator capacity	9.1 cu.ft.	24 cu.ft.	46.6 cu.ft.
Freezer capacity	9.1 cu.ft.	24 cu.ft.	24 cu.ft.
Door	Two Solid, locking		Three Solid, locking
Temperature range	(Refrigerator) 2°C to 8°C / 36°F to 46°F (Freezer) 0°C to -25°C / +32°F to -13°F	(Refrigerator) 2°C to 8°C / 36°F to 46°F (Freezer) 0°C to -25°C / +32°F to -13°F	(Refrigerator) 4°C / 39°F (Freezer) -20°C / -4°F
Temperature control	Two - Digital display		
Temperature alarm	Hi/Low temperature alarm with audible and visual alarm, Alarm relay dry contacts, Min/Max Memory (for RFC2001)		
Shelves	2 Per Compartment Epoxy Coated	3 Per Compartment Epoxy Coated	3 Per Compartment Epoxy Coated
Legs	Four locking		
Insulation	Polyurethane		
Compressor	1/4 hp (R), 1/3 hp (F)	1/4 hp (R), 1/2 hp (F)	1/3 hp (R), 1/2 hp (F)
Evaporator	Fin and tube		
Refrigerator defrost	Automatic		
Freezer defrost	Automatic		
Interior / Exterior finish	White coated steel	Stainless steel	
Interior dimension of Refrigerator (WxDxH)	28 x 28 x 20"	22 x 28 x 60"	48 x 28 x 60"
Interior dimension of Freezer (WxDxH)	28 x 28 x 20"	22 x 28 x 60"	28 x 28 x 20"
External dimensions (WxDxH)	27.5" x 34" x 81.5" 70 x 86 x 207 cm	52 x 34.75 x 81.5" 132 x 88 x 207" cm	78 x 34.75 x 81.5" 198 x 88 x 207 cm
Weight	550 lbs.	625 lbs.	950 lbs.
Voltage	115V, 60 Hz, 1 phase		
Running amps	4.5A (R), 7.5A (F)	5.7A (R), 6.0A (F)	9.4A (R), 10.6A (F)
Supply plug	5-15P NEMA (1 plug per chamber) UL listed		
Optional accessories	Chart recorder, Leg seismic restraints, Wall seismic restraints		

LABORATORY FREEZER / REFRIGERATOR COMBINATION



515L
RFC501



1359L
RFC1301



1982L
RFC2001