Ultra Low Temperature Freezers

Energy Efficient Ultra Low Temperature Freezers

VUF Series

MADE IN THE USA

Temperature range: -60°C to -85°C / -60°C to -80°C

Style: Chest (Horizontal) | Upright (Vertical)

VUF SERIES ENERGY EFFICIENT CHEST AND UPRIGHT ULTRA LOW FREEZERS

Primary Uses

- Laboratories
- Research facilities
- Pharmaceuticals

Control Specifications

Temperature control system	Touch screen dual display
Temperature alarm	Audible high / low alarm
Alarm notification	SMS / Email notification*
Remote control	VNC via local network*
Control security	Multi-level security
Temperature recorder	Viewable temperature graph
Data download	USB or FTP
Network connection	Hardwire ethernet (RJ45)
Alarm relay	Dry contacts Power failure via dry contacts

**Any alarm, logging, or recording systems installed in (or on) the equipment do not power any external devices required for signal transmission; such as the modem, routers, or switches on your local network connection.*
Unpowered systems will obstruct alert system functionality during a power outage. Please consult your IT department and/or internet provider for additional information on internet operation during a power outage.

General Specifications

Defrost	Manual
Air circulation	Gravity flow
Compressor (s)	Cascade-type hermetic compressor Energy efficient variable speed
Refrigeration	CFC & HCFC free
Insulation	Polyurethane foam
Opening	Top opening lid
Loackable lid / door	Yes, with padlock
Exterior	Steel, powder coated
Interior	Steel, galvanized
Electrical requirements	115V, 60 Hz, 1 phase 230V, 60 Hz, 1 phase

Unique Specifications for ENERGY EFFICIENT CHEST TYPE Ultra Low Freezers - Top Opening

Model	Capacity		Rack Capacity	Casters	Temp. Range	Internal Dimension		External Dimension	
	Liters	Cu. ft.		Lockable		Inch	Centimeter	Inch	Centimeter
VUF-101C-115V VUF-101C-230V	83	3	8	4	-60°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
VUF-201C-115V VUF-101C-230V	142	5	15	4	-60°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
VUF-301C-115V VUF-301C-230V	255	9	16	4	-60°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
VUF-401C-115V VUF-401C-230V	340	12	27	4	-60°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
VUF-501C-115V VUF-501C-230V	400	14	30	6	-60°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
VUF-601C-115V VUF-601C-230V	480	17	36	8	-60°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
VUF-801C-115V VUF-801C-230V	626	22	36	12	-60°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
VUF-901C-115V VUF-901C-230V	766	27	48	12	-60°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

ENERGY EFFICIENT CHEST TYPE Ultra Low Temperature Freezers - Top Opening



142L
VUF201C



340L
VUF401C



480L
VUF601C



766L
VUF901C

Unique Specifications for ENERGY EFFICIENT UPRIGHT TYPE Ultra Low Freezers with Door Mounted Touch Screen Control

Model	Capacity		Rack Capacity	Storage	Casters	Temp. Range	Internal Dimension		External Dimension	
	Liters	Cu. ft.			Lockable		Inch	Centimeter	Inch	Centimeter
VUF-401U-115V VUF-401U-230V	370	13	15	4 adjustable (5 compartments)	4	-60ºC to -85ºC	20 x 22 x 51.25	50 x 55 x 130	35 x 34.5 x 79.5	88 x 87 x 201
VUF-501U-115V VUF-501U-230V	505	18	20	4 adjustable (5 compartments)	4	-60ºC to -85ºC	23 x 26 x 51.25	58 x 66 x 130	40 x 36 x 79.5	101 x 91 x 201
VUF-601U-115V VUF-601U-230V	626	22	25	4 adjustable (5 compartments)	4	-60ºC to -85ºC.	28.5 x 26 x 51.25	72 x 66 x 130	43 x 37 x 79.5	109 x 93 x 201
VUF-701U-115V VUF-701U-230V	710	25	30	4 adjustable (5 compartments)	6	-60ºC to -85ºC	34 x 25 x 51.25	86 x 63 x 130	50 x 37 x 79.5	127 x 93 x 201
VUF-901U-115V VUF-901U-230V	877	31	35	4 adjustable (5 compartments)	10	-60ºC to -80ºC	42 x 25 x 51.25	106 x 63 x 130	60.5 x 37 x 79.5	153 x 93 x 201



370L
VUF401U



505L
VUF501U



710L
VUF701U



877L
VUF901U