Ultra Low Temperature Freezers

Energy Efficient Ultra Low Temperature Freezers

VUF Series

MADE IN THE USA

Temperature range: -40ºC to -85ºC / -40ºC to -80ºC

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
Voltages available	115V 60H 1 Phase - NEMA 5-15 208V 60H 1 Phase - NEMA 6-15 230V 60H 1 Phase - NEMA 6-15 Other voltages available upon request

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
VUF101C	83	3	8	4	-40ºC to -85ºC	24 x 12 x 18	60 x 30 x 45	34.5 x 25.25 x 48	87 x 64 x 121
VUF201C	142	5	15	4	-40ºC to -85ºC	30 x 18 x 16	76 x 45 x 40	40.5 x 31 x 47	102 x 81 x 119
VUF301C	255	9	16	4	-40ºC to -85ºC	46 x 16 x 20	116 x 40 x 50	57.5 x 29 x 46.5	146 x 73 x 116
VUF401C	340	12	27	4	-40ºC to -85ºC	55 x 19 x 20	139 x 48 x 50	65.5 x 32 x 47.5	166 x 81 x 120
VUF501C	400	14	30	6	-40ºC to -85ºC	62 x 20 x 20	157 x 50 x 50	72.5 x 33 x 47.5	184 x 83 x 120
VUF601C	480	17	36	8	-40ºC to -85ºC.	69 x 20 x 21	175 x 50 x 53	81.25 x 33.5 x 48.5	206 x 85 x 123
VUF801C	626	22	36	12	-40ºC to -85ºC	67 x 19 x 30	170 x 48 x 76	98 x 36 x 43.5	248 x 91 x 110
VUF901C	766	27	48	12	-40ºC to -80ºC	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
VUF401U	370	13	15	4 adjustable (5 compartments)	4	-40ºC 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
VUF501U	505	18	20	4 adjustable (5 compartments)	4	-40ºC to -85ºC	23 x 26 x 51.25	58 x 66 x 130	40 x 36 x 79.5	101 x 91 x 201
VUF601U	626	22	25	4 adjustable (5 compartments)	4	-40ºC 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
VUF701U	710	25	30	4 adjustable (5 compartments)	6	-40ºC to -85ºC	34 x 25 x 51.25	86 x 63 x 130	50 x 37 x 79.5	127 x 93 x 201
VUF901U	877	31	35	4 adjustable (5 compartments)	10	-40ºC 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