

# 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 <sup>2</sup> and LN <sup>2</sup> 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
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
LTF801U	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



**877L**  
LTF801U