

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



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

