

# Ultra Series

Upright Manual Defrost  
Freezers

Our **ULTRA Series** manual defrost freezers are specifically designed for safe storage of critical temperature sensitive samples. These units are ideal for a variety of laboratory applications within the life sciences research market requiring strict temperature uniformities. Units are available in sizes from 14 to 30 cu ft.

*UltraElite*  
*UltraTouch*



**LABRepCo**

One Company • Many Solutions

101 Witmer Road, Suite 700 Horsham, PA 19044 / [www.labrepco.com](http://www.labrepco.com) / (800) 521-0754 / [sales@labrepco.com](mailto:sales@labrepco.com)

Our **ULTRA ELITE Series** manual defrost laboratory freezers are designed to provide optimal protection for temperature sensitive samples at temperatures of  $-20^{\circ}\text{C}$ . Built with inner "fast-freeze compartments" each with their own individual doors, this laboratory freezer delivers absolute temperature maintenance and recovery.

### Standard Product Features:

- Manual defrost
- Variety of sizes from 14-30 cu. ft.
- Temperature Range: Freezer:  $-15^{\circ}\text{C}$  to  $-25^{\circ}\text{C}$
- Microprocessor Temperature Controller
- Digital Temperature Display and Alarm Module
  - Sample simulated digital temperature display;  $.1^{\circ}$
  - Adjustable temperature display in Celsius or Fahrenheit
  - Resettable 1-point min/max history
  - Audible and visual high/low temperature alarms
  - Sensor error alarm
  - Power failure alarm
  - Alarm testing capabilities
- Remote alarm contacts
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Caster platform
- One probe access port (3/8")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant (R134a), foam insulation and packaging
- Quality certified with 100% unit temperature testing
- 115V operation
- UL listed
- Warranties: 2 years parts and labor; plus an additional 3 years compressor parts only



**LHE-20-FM**

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## Specifications and Ordering Information:



Digital Temperature Display and Alarm Module

Models	LHE-14-FM	LHE-17-FM	LHE-20-FM	LHE-20-FM3	LHE-30-FM	LHE-30-FM3
Weight (lbs)	189	203	221	221	380	380
Overall Height (in.)	72 5/6	78 3/16	83 11/16	83 11/16	83 7/16	83 7/16
Overall Width (in.)	29 3/4	34	34	34	35 3/4	35 3/4
Overall Depth (in.)	32 6/16	30 7/16	32 9/16	32 9/16	34 1/4	38 1/4
Interior Cu. Ft.	14	17	20	20	30	30
Avg. Temperature:	-20 °C	-20 °C	-20 °C	-30 °C	-20 °C	-30 °C
Number of Shelves	3 fixed	4 fixed	4 fixed	4 fixed	4 fixed	4 fixed
Refrigerant	R134a	R134a	R134a	R134a	R404a	R404a
Defrost Type	Manual	Manual	Manual	Manual	Manual	Manual
Compressor Size HP	1/3	1/3	1/3	1/3	1/3	1
Plug (receptacle)	5-15R	5-15R	5-15R	5-15R	5-15R	5-15R
Total Amp Draw	5	5	5	5	6	6
Voltage	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz

Specifications subject to change without notice.

Receptacle Required  
115V/1PH/ 60Hz  
NEMA-5-15R



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Revision Date: 1/20/2014

# UltraTouch

## Upright Manual Defrost Freezers

Our **ULTRA TOUCH** Series manual defrost laboratory freezers provide the same optimal protection at  $-20^{\circ}\text{C}$  as our Elite Series but feature a touchscreen display for added security. Built with inner "fast-freeze compartments" each with their own individual doors, this laboratory freezer delivers absolute temperature maintenance and recovery.

### Standard Product Features:

- Manual defrost
- Temperature Range: Freezer:  $-15^{\circ}\text{C}$  to  $-25^{\circ}\text{C}$
- Microprocessor Temperature Controller
- Touch Screen Digital Temperature Display and Alarm Module
  - Password-protected control panel
  - Sample simulated digital temperature display; .1 $^{\circ}$  Resolution, adjustable temperature display in Celsius or Fahrenheit
  - Active temperature scale bar display
  - Resettable 1-point min/max history
  - Digital 24-hour temperature chart
  - Temperature data logging
  - USB port for data transfer and software updates
  - Real-time operational display clock
  - 4-20mA output
  - Electronic troubleshooting guide & Electronic QR Code to access Owner's Manual & technical support contact Information
  - Adjustable alarm volume
  - Audible and visual high/low temperature alarms
  - Sensor error alarm
  - Power failure alarm
  - Door ajar alarm
  - Low battery alarm
  - Operation indicator
  - Alarm validation
  - Alarm mute with ring back
- Remote alarm contacts
- Keyed door lock
- Caster platform
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Leveling legs
- One probe access port (3/8")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant (R134a), foam insulation and packaging
- Quality certified with 100% unit temperature testing
- 115V operation
- UL listed
- Warranties: 2 years parts and labor, plus an additional 3 years compressor parts only



**LHT-30-FM**

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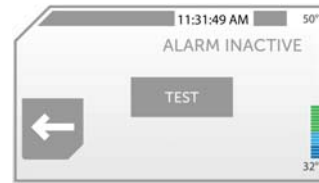
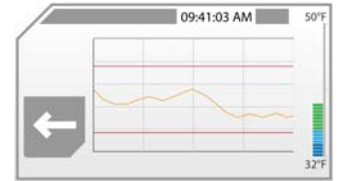
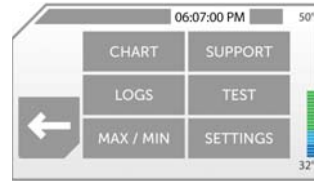
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# Specifications and Ordering Information:



### Touch Screen Features:

- LCD Touch Screen
- Remote Alarm Contacts
- High/Low Temp Alarms
- USB Port for Exporting Data



Models	LHT-14-FM	LHT-17-FM	LHT-20-FM	LHT-20-FM3	LHT-30-FM	LHT-30-FM3
Weight (lbs)	189	203	221	221	380	380
Overall Height (in.)	72 5/16	78 3/16	83 11/16	83 11/16	83 7/16	83 7/16
Overall Width (in.)	29 3/4	34	34	34	35 3/4	35 3/4
Overall Depth (in.)	32 6/16	30 7/16	32 9/16	32 9/16	34 1/4	34 1/4
Interior Cu. Ft.	14	17	20	20	30	30
Avg. Temperature:	-20 °C	-20 °C	-20 °C	-30 °C	-20 °C	-30 °C
Number of Shelves	3 fixed	3 fixed	4 fixed	4 fixed	4 fixed	4 fixed
Refrigerant	R134a	R134a	R134a	R134a	R404a	R404a
Defrost Type	Manual	Manual	Manual	Manual	Manual	Manual
Compressor Size HP	1/3	1/3	1/3	1/3	1/3	1
Plug (receptacle)	5-15R	5-15R	5-15R	5-15R	5-15R	5-15R
Total Amp Draw	5	5	5	5	6	10.7
Voltage	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz	115V, 1PH, 60Hz

Specifications subject to change without notice.

Receptacle Required  
115V/1PH/ 60Hz  
NEMA-5-15R



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