

# TempLog Premier Manual Defrost Freezers

## TempLog Premier Manual Defrost Freezers

These units are purpose built for scientific and medical applications. Units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies. A manual defrost design prevents product damaging temperature spikes from defrost cycles. Defrosting of the unit will need to be performed periodically to prevent severe ice build-up.

The all-new Touch Screen temperature display and alarm module offers the latest in advanced temperature control and data logging. Industry-leading product security with a monitoring and alarm system that is 100% independent of the temperature controller. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible/visual high and low temperature alarms, along with power outage, sensor error and door ajar alarms, remote alarm dry contacts, a 4-20mA output and an access port are provided to simplify connections to existing facility monitoring systems. A USB port is provided for easy transfer as well as software updates.

Sample simulated temperature display to show real-time product temperatures.



ABT-MFP-14-TS

ABT-MFP-17-TS

Model	Cu. Ft.	Defrost	Temp	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-MFP-14-TS	14	Manual	-20°C	1 Solid	4	3 Fixed	29 3/4	32 3/8	62 1/2	R134a	1/3	5
ABT-MFP-17-TS	17	Manual	-20°C	1 Solid	4	3 Fixed	34	30 7/16	67 3/4	R134a	1/3	5
ABT-MFP-20-TS	20	Manual	-20°C	1 Solid	5	4 Fixed	34	32 9/16	73 1/4	R134a	1/3	5
ABT-MFP-30-TS	30	Manual	-20°C	1 Solid	5	4 Fixed	35 3/4	34 1/4	72 1/2	R404a	1/3	6
ABT-MFP-2030-TS	20	Manual	-30°C	1 Solid	5	4 Fixed	34	32 9/16	73 1/2	R134a	1/3	5
ABT-MFP-3030-TS	30	Manual	-30°C	1 Solid	5	4 Fixed	35 3/4	34 1/4	72 1/4	R404a	1	10.7

- One solid swing door, right hinged, not reversible
- Four Inner "fast-freeze compartments" with doors for temperature maintenance and recovery
- Microprocessor Temperature Controller
- Adjustable Operating Temperature Range: -15° - -25°C
- Touch Screen Digital Temperature Display and Alarm Module
- Password-protected Control Panel
- Sample simulated digital temperature display; 1° 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