



Temperature Controllers

LED Digital Temperature Controller



Size: L135mm x H31mm

- ✓ Equipped with tamper-resistant touchpad and a digital temperature display to the nearest 0.1°C.
- ✓ User-friendly - Temperature settings and alarm set points can be programmed quickly and easily.
- ✓ During power failure, battery back-up system supplies power to the monitor for at least 24 hours.
- ✓ The audio and visual alarms will be triggered when: -
 - a) Hi & Low temperature
 - b) A. C. failure
 - c) Battery failure
 - d) Door opened for more than 2 minutes
 - e) Compressor failure
 - f) Condenser is overheated
- ✓ Compressor delay start-up, to protect compressor restart current surging
- ✓ Auto defrost and sensor error
- ✓ Remote alarm contact provided for off-site monitoring
- ✓ Password protection - Lock-temperature function protects against tampering of set temperatures/values
- ✓ Off-set function for calibration use.
- ✓ Two (2) sensor probes available

Smart Touch Screen Controller



Temperature setting range +2°C to +6°C

- ✓ Password protection
- ✓ 7" full touch screen controller
- ✓ Self diagnostic error code real time alarm indication
- ✓ Hi & Low temperature alarm setting
- ✓ Power failure alarm visual and audio
- ✓ Door open sensor alarm setting 0 to 60 minutes
- ✓ High condenser temperature sensor detection
- ✓ Defrost temperature interval time 0 to 24 hours
- ✓ Defrost duration 0 to 60 minutes
- ✓ External sensor access port
- ✓ Auto data acquisition with trend graph
- ✓ Build in standard remote alarm dry contact out put
- ✓ Sensor 1 to 5 calibration mode (build in with 5nos of sensor)
- ✓ Ambient temperature sensor
- ✓ Door fan switch control
- ✓ Graphical log running hours log
- ✓ Adjustable shelves or drawers
- ✓ RS 485 Output able to link up 32 units
- ✓ Dual compressor independent control maintain -80°C when one compressor down
- ✓ 72 hours DC backup battery
- ✓ CFC Freeze
- ✓ 220V to 240V 50Hz Single phase