

The key to your refrigeration control needs.



Controller Features	KE2 Temp + Defrost	KE2 Temp + Valve Control	KE2 Low Temp + Defrost	KE2 Adaptive Control	KE2 Evaporator Efficiency	KE2 Evap for Rack Efficiency	KE2 Controlled Environment
Part Number	20611	21301	20903	21177	20178, 20844	21096	20893, 20897
Defrost Type	Air (off time)	Air (off time)	Air, Electric	Air, Electric	Air, Electric, Hot Gas	Air, Electric, Hot Gas	Air, Electric, Hot Gas
Initiate Defrost	Time	Time	Time	Demand, Time	Demand, Time, or Run-Time	Demand, Time, or Run-Time	Demand, Time, or Run-Time
Terminate Defrost	Time	Time	Temperature/Time External Signal	Temperature/Time External Signal	Temperature with Time Backup	Temperature with Time Backup	Temperature with Time Backup
Evaporator Fan Management Options	—	—	●	●	●	●	●
Defrost Heater Management Options	N/A	N/A	●	●	●	●	●
Alarm Options	Display or E-mail with KE2 Edge Manager	Display or E-mail with KE2 Edge Manager	Display, Buzzer, or E-mail with KE2 Edge Manager	Display, Buzzer, or E-mail with KE2 Edge Manager	Display, Alarm Relay, Buzzer/ Light Kit, E-mail/Text	Display, Alarm Relay, Buzzer/ Light Kit, E-mail/Text	Display, Alarm Relay, Buzzer/ Light Kit, E-mail/Text
Eliminates T-Stat, Time Clock	●	●	●	●	●	●	●
Eliminates Fan Delay, Defrost Termination Device	N/A	N/A	●	●	●	●	●
Expansion Valve Control	TEV	TEV, EEV, EEPR, EHGBP	TEV	TEV	TEV or EEV	TEV, EEV, EEPR, EHGBP	EEV
Humidity Control/Monitor	—	—	—	—	—	—	●
Communication	ModBus	ModBus	ModBus	ModBus	TCP/IP, API, BACnet/IP with KE2 Edge Manager	TCP/IP, API, BACnet/IP with KE2 Edge Manager	TCP/IP
Data Logging	366 days with KE2 Edge Manager	366 days with KE2 Edge Manager	366 days with KE2 Edge Manager	366 days with KE2 Edge Manager	30 days (native), or 366 days with KE2 Edge Manager	30 days (native), or 366 days with KE2 Edge Manager	30 days (native), or 366 days with KE2 Edge Manager

Accessories for easier communication, installation, and setup.

KE2 EM Plus



KE2 EM Plus Communication Device
 PN 21902 - KE2 EM Plus
 PN 21920 - KE2 EM Plus (w/ BACnet/IP)

The KE2 Edge Manager (EM) is a communication device with several features that make it unique, including easily creating a common dashboard for up to 35 devices that integrates KE2 sensor data with in-depth system operational information from KE2 Therm controllers. The KE2 Edge Manager provides real-time data tracking, storing, and uploading. And, while many monitoring options force users to store their data on the provider's "cloud," with the KE2 Edge Manager, local access is FREE - the user owns their data. Plus, accessing the data has never been easier. The KE2 Edge Manager lets users access data locally, or remotely using the secure KE2 Smart Access portal. With the addition of a BACnet/IP license, the KE2 EM Plus also serves as a BACnet/IP gateway for KE2 Wireless Sensors and almost all KE2 Therm controllers.

KE2 Wireless Sensors



KE2 Wireless Sensor PN 21632
KE2 Wireless Sensor w/probe PN 21633

Temperature monitoring
 Humidity monitoring
 Configurable location name
 Wireless signal
 E-mail/Text alerts (via KE2 Edge Manager)
 1.5-year battery life (AAA)
 Low battery indicator
 12-month free portal access (KE2 Smart Access)

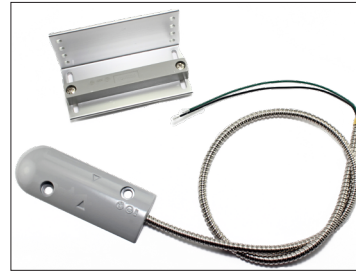
KE2 WiFi Service Tool



KE2 WiFi Service Tool PN 20906

The KE2 WiFi Service Tool is the simplest, most cost effective, way to access the KE2 Evaporator Efficiency's web pages. When connected to the KE2 Evap, the service tool creates nearly instant wireless access to the web pages on the controller. Users may connect their cellphones, tablets, or laptop computers to the KE2 WiFi Service Tool's wireless network.

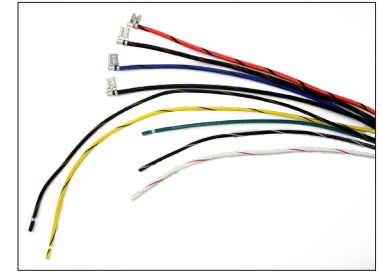
Door Switch



Door Switch PN 20543

Designed for rugged high traffic installations. The reed switch is hermetically sealed within a solid aluminum housing. Installation wires are protected in a 24" stainless steel armored cable. The magnet is mounted on an adjustable L shaped bracket designed for greater flexibility, universal mounting, greater pulling power, and to provide a professional installation appearance.

Wire Harness



10' Wire Harness PN 20736
25' Wire Harness PN 20670
40' Wire Harness PN 20737

The wire harness simplifies installation of the KE2 Evap, KE2 Controlled Environment, KE2 Adaptive Control or KE2 Low Temp + Defrost, by providing color coded wires with gauges and connectors that correspond to the controller's inputs. This speeds installation by eliminating on site preparation of wires, wire labeling, and additionally reduces the need to stock multiple colors and gauges of wires.

Buzzer & Light



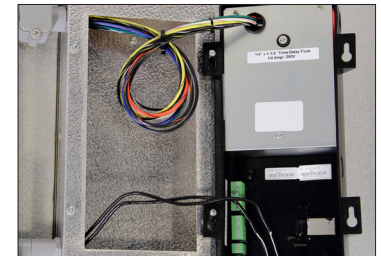
Buzzer & Light PN 20973

22mm, 25mA audible (80dB at 10 cm) buzzer annunciator with non-replaceable LED. 120VAC/DC

Buzzer & Light PN 21293

22mm, 25mA audible (80dB at 10 cm) buzzer annunciator with non-replaceable LED. 230VAC/DC

Mounting Box



Mounting Box PN 20687

The mounting box provides a stationary location to attach conduit, allowing the controller to be secured for easy installation and service. The box size accommodates the controller's wiring, providing storage space for service loops.



**24-hour
 Emergency Technical Support
 1.888.337.3358**



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