Ultimate Install Kit (pn 20844) for the KE2 Evaporator Efficiency

For quicker, easier installation of the KE2 Evaporator Efficiency controller, KE2 Therm offers the Ultimate Install Kit. The Ultimate Install Kit (20844) includes the KE2 Evaporator Efficiency controller with mounting hardware, as well as (3) colored temperature sensors with 40’ leads, and a controller mounting box.

The kits’ colored sensors eliminate confusion, on return service trips sensor wiring is easily traced. And, when 10’ leads are too short, the 40’ leads in the KE2 Ultimate Install kit eliminate the need to extend sensor wires — saving time.

Additionally, with the mounting box, wiring is kept neat and protected. And, when accessing the back of the controller the controller can be flipped and held on two screws for support, eliminating strain on the wired connections. (See photo at bottom of page)

KE2 Ultimate Install Kit includes:
1. KE2 Evaporator Efficiency controller
2. a - high voltage safety shield, b - 90 degree quick disconnects, c - self-tapping screws, d - 1/2” plastic knockout plugs, e - 120 voltage jumper, f - 208-240 voltage jumper (already installed on back of KE2 Evap), g - screws for high voltage shield, h - air sensor mount, i - 5-position screw down terminal, j - 3-position screw down terminals, k - 2-position screw down terminals, l - 4 zipties
3. 40’ colored temperature sensors (pn 21066)*
4. Terminal Board with fuses (pn 20996)
5. Mounting box and hardware (pn 20687)
6. KE2 Evap Navigation label

*Three colored sensors are included in each KE2 Ultimate Install Kit. The colored sensors are only available in the KE2 Ultimate Install kit, or in a 3-pack (pn 21066). Individual 40’ sensors are only sold in black (pn 20200). All KE2 Therm temperature sensors function the same, regardless of color.

Installation using the items included in the KE2 Ultimate Install Kit, and the optional Wire Harness.

NOTE: To further reduce installation time, KE2 Therm 9-wire, color coded wiring harness, with appropriate wire gauge and connection, for each terminal on the KE2 Evap. Available with 25’ or 40’ leads.

See Q.1.3 for KE2 Evap step-by-step installation instructions.
The wire harness simplifies installation of the controller by providing color coded wires with 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.

The stranded wires used in the harness are flexible, making them easier to pull and route, and the wire harness is kept from tangling by a cable tie at each end.

The wires are 25’ or 40’ from cable tie to cable tie, making the overall harness approximately a foot longer.

For more information on the items in this bulletin, please visit our website at www.ke2therm.com and select the literature tab.

**KE2 Evaporator Efficiency**
- B.1.1 KE2 Evaporator Efficiency - General Information
- N.1.1 KE2 Evaporator Efficiency - Installation Instructions
- T.1.1 KE2 Evaporator Efficiency - Theory of Operation
- Q.1.19 KE2 MasterView - Overview (Shows the information available on the controller when accessing it using a computer, tablet or smart phone)

**Accessories**
- Q.1.21 Mounting Box and Wire Harness
- B.9.1 KE2 Therm Parts and Accessories

**KE2 Controlled Environment**
- N.1.3 KE2 Controlled Environment - Installation Instructions
- Q.1.23 KE2 Controlled Environment - Step-by-Step Installation
- Q.1.28 KE2 Controlled Environment MasterView Screens-Overview (Shows the information available on the controller when accessing it using a computer, tablet or smart phone)

**KE2 Low Temp + Defrost**
- B.1.5 KE2 Low Temp + Defrost - General Information
- Q.1.29 KE2 Low Temp - Step-by-Step Installation