

KE2 Evaporator Efficiency



Indicator lights

- **Red light** - critical alarm (system off)
- **Yellow light** - non-critical alarm (system running)
- **Green light** - compressor on
- **Green flashing** - compressor waiting on timer to start/stop

To move through controller menus:

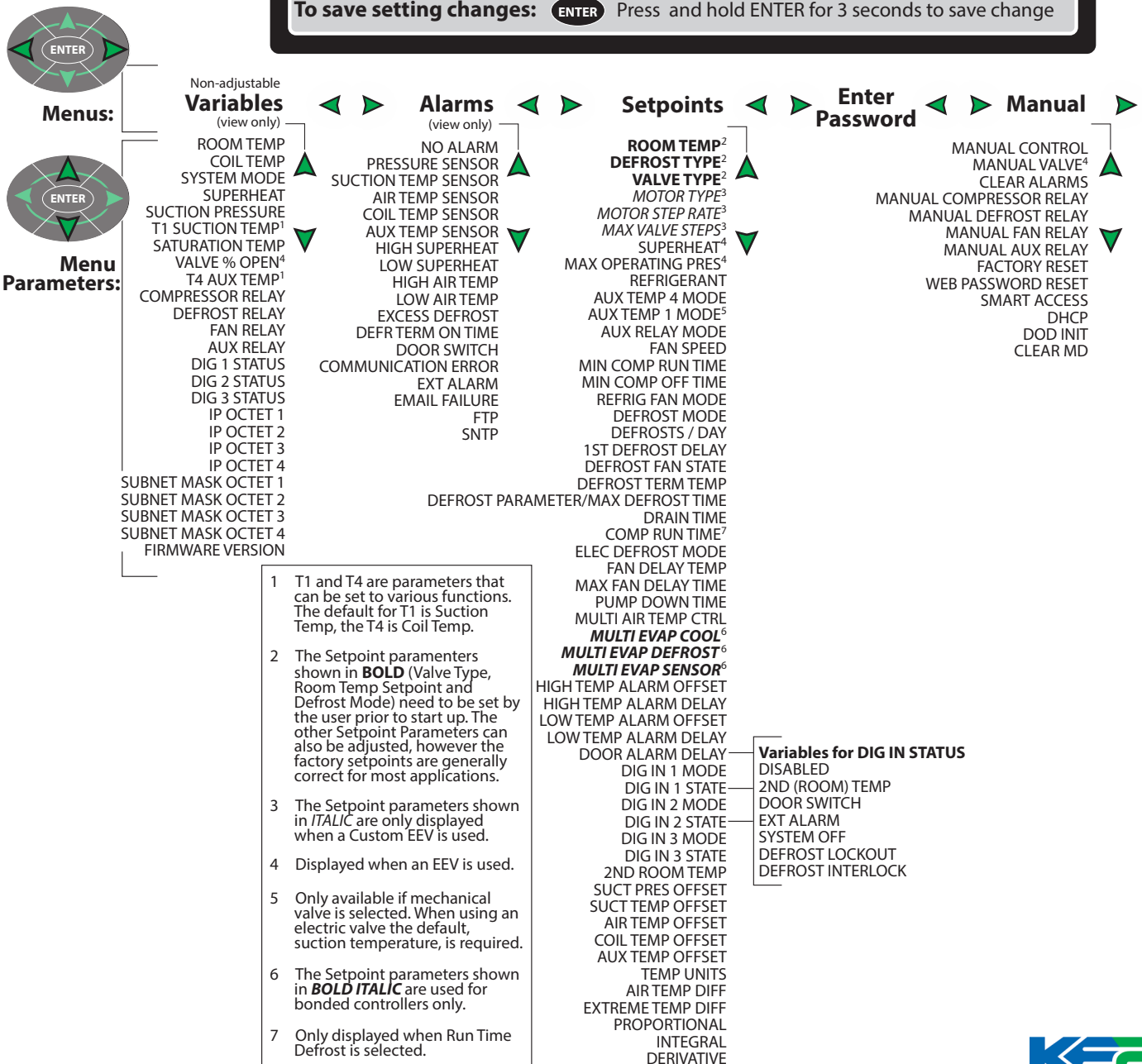
- Left and Right Arrows** Use to move between **Menus**
- Up Arrow and Down Arrow** Scroll through **Menu Parameters**

To return to Main Menu: **BACK** Press BACK to return to the previous view.

To toggle between description and value: **ENTER** Press ENTER to go from parameter to value.

To change settings: **ENTER** Press and hold ENTER for 3 seconds, when display begins blinking changes can be made

To save setting changes: **ENTER** Press and hold ENTER for 3 seconds to save change



Step-by-Step QuickStart

Mechanical Valve TEV - 4 steps	Defined EEV - 5 steps	Custom EEV - 8 steps
Room Temp	Room Temp	Room Temp
Defrost Type	Defrost Type	Defrost Type
Valve Type	Valve Type	Valve Type
Smart Access	Refrigerant	Refrigerant
	Smart Access	Motor Type (Unipolar/Bipolar)
		Motor Step Rate
		Max Valve Steps
		Smart Access

Quick Start with a TEV

- Power up the newly installed controller
- The **ROOM TEMP** display will show a blinking number. Use the left or right arrow to move between digits, use the up or down arrow to adjust the blinking digit higher or lower.
- Once new setpoint is displayed, press & hold ENTER for 3 seconds
- Now, the **DEFROST TYPE** is displayed. Wait until **ELEC** (Electric Defrost) is displayed, if other than ELEC is needed, use the up or down arrow to scroll through list and select **AIR, HOT GAS COMP ON, HOT GAS COMP OFF**
- Once desired option is shown, press & hold ENTER key for 3 seconds.
- **VALVE TYPE** is displayed. **MECHANICAL** will appear.
- Press and hold ENTER for 3 seconds.
- **SMART ACCESS*** is displayed. **DISABLED** will appear. Use the up or down arrow to change Smart Access to **ENABLED**.
- Press & hold the ENTER button for 3 seconds to save change.
- The controller will now begin controlling the system.

Quick Start with a Defined EEV

- Power up the newly installed controller
- The **ROOM TEMP** display will show a blinking number. Use the left or right arrow to move between digits, use the up or down arrow to adjust the blinking digit higher or lower.
- Once new setpoint is displayed, press & hold ENTER for 3 seconds
- Now, the **DEFROST TYPE** is displayed. Wait until **ELEC** (Electric Defrost) is displayed, if other than **ELEC** is needed, use the up or down arrow to scroll through list and select **AIR, HOT GAS COMP ON, HOT GAS COMP OFF**
- Once desired option is shown, press & hold ENTER key for 3 seconds.
- **VALVE TYPE** is displayed. **MECHANICAL** will appear, use the up or down arrows to scroll through pre-programmed **EEV** options.
- Once desired **EEV** is displayed, press & hold ENTER for 3 seconds.
- **REFRIGERANT** is displayed. **404A** will appear. Use the up or down arrows view the other options.
- Once the desired refrigerant is displayed, press % hold ENTER for 3 seconds.
- **SMART ACCESS*** is displayed. **DISABLED** will appear. Use the up or down arrow to change Smart Access to **ENABLED**.
- Press & hold the ENTER button for 3 seconds to save change.
- The controller will now begin controlling the system.

* With version 4.0 firmware, the KE2 Evap comes with Smart Access capability. Smart Access provides simple and quick online access, making it is easier than ever to monitor and adjust your KE2 Evaps remotely.

For a nominal monthly fee, Smart Access provides quick, easy, real time access to your refrigeration system 24/7. No port forwarding. No VPN.

Quick Start with a Custom EEV

- Power up the newly installed controller
- The **ROOM TEMP** display will show a blinking number. Use the left or right arrow to move between digits, use the up or down arrow to adjust the blinking digit higher or lower.
- Once new setpoint is displayed, press and hold ENTER for 3 seconds
- Now, the **DEFROST TYPE** is displayed. Wait until **ELEC** (Electric Defrost) is displayed, if other than **ELEC** is needed, use the up or down arrow to scroll through list and select **AIR, HOT GAS COMP ON, HOT GAS COMP OFF**
- Once desired option is shown, press and hold ENTER key for 3 seconds.
- **VALVE TYPE** is displayed. **MECHANICAL** will appear, use the up or down arrows to scroll to **CUSTOM**.
- Press and hold ENTER for 3 seconds.
- **REFRIGERANT** is displayed. **404A** will appear. Use the up or down arrows to view the other options.
- Once the desired refrigerant is displayed, press and hold ENTER for 3 seconds.
- **MOTOR STEP RATE** is displayed. Wait until 200 is displayed. Use the left and right arrows to move between the digits. Use the up or down arrows to adjust the blinking digit higher or lower.
- Press and hold ENTER for 3 seconds.
- **MAX VALVE STEPS** is displayed. Wait until 1300 is displayed. Use the left or right arrows to move between digits. Use the up or down arrows to adjust the blinking digit higher or lower.
- Press and hold ENTER for 3 seconds.
- **SMART ACCESS*** is displayed. **DISABLED** will appear. Use the up or down arrow to change Smart Access to **ENABLED**.
- Press & hold the ENTER button for 3 seconds to save change.
- The controller will now begin controlling the system.

All the KE2 Evap needs is a physical connection to the network router with a cat 5 cable. Once enabled, Smart Access automatically connects to your personal web portal, hosted by KE2 Therm, and provides a "customized" dashboard of all the controllers you setup with Smart Access.