### Setpoints

- **Room Temp**: The default for T1 is Suction Temp, the T4 is Coil Temp.
- **Defrost Type**: T1 and T4 are parameters that can be set to various functions.
- **Valve Type**: The Setpoint parameters shown in **BOLD** need to be set by the user prior to start up. The other Setpoint Parameters can also be adjusted, however the factory setpoints are generally correct for most applications.
- **High Temp Alarm Offset**: The Setpoint parameters shown in **ITALIC** are only displayed when a Custom EEV is used.
- **Low Temp Alarm Offset**: Displayed when an EEV is used.
- **High Temp Alarm Delay**: Only available if a mechanical valve is selected. When using an electric valve the default, suction temperature, is required.
- **Defrost Parameter**: The Setpoint parameters shown in **BOLD ITALIC** are used for bonded controllers only.

### Menus

- **Variables**: ROOM TEMP, COIL TEMP, SYSTEM MODE, SUPERHEAT, SUCTION PRESSURE, T1 SUCTION TEMP, SATURATION TEMP, VALVE % OPEN, T4 AUX TEMP, COMRESSOR RELAY, DEFROST RELAY, FAN RELAY, AUX RELAY, DIG 1 STATUS, DIG 2 STATUS, DIG 3 STATUS, IP OCTET 1, IP OCTET 2, IP OCTET 3, IP OCTET 4, SUBNET MASK OCTET 1, SUBNET MASK OCTET 2, SUBNET MASK OCTET 3, SUBNET MASK OCTET 4, FIRMWARE VERSION.
- **Alarms**: NO ALARM, PRESSURE SENSOR, SUCTION TEMP SENSOR, AIR TEMP SENSOR, COIL TEMP SENSOR, AUX TEMP SENSOR, HIGH SUPERHEAT, LOW SUPERHEAT, HIGH AIR TEMP, LOW AIR TEMP, EXCESS DEFROST, DEFROTERM ON TIME, DOOR SWITCH, COMMUNICATION ERROR, EXT ALARM.

### Indicators

- **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 change settings:

Press and hold ENTER for 3 seconds, when display begins blinking changes can be made.

### To return to Main Menu:

Press BACK to return to the previous view.

### To move through controller menus:

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

### To save setting changes:

Press and hold ENTER for 3 seconds to save change.
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 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.
- Press and hold ENTER for 3 seconds.
- The controller will now begin controlling the system.

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 arrow 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.
- The controller will now begin controlling the system.

Quick Start with a Pre-programmed 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 through pre-programmed EEV options.
- Once the desired EEV is displayed, press and 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 and hold ENTER for 3 seconds.
- The controller will now begin controlling the system.