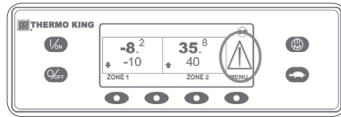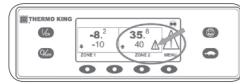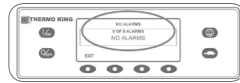## SIMPLE TO VIEW AND DETERMINE
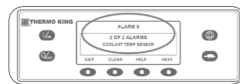### Cause of Alarm and Clear Alarm Codes

If a unit alarm condition occurs the large Alarm Icon will appear.

If a zone-specific alarm occurs, a small alarm Icon will appear within the affected zone as well (example: Zone 2 shown).

1. From the Standard Display, press the MENU key.
2. Press the NEXT key until the Alarm Menu appears.
3. Press the SELECT key.
   - The Alarm Display will appear.
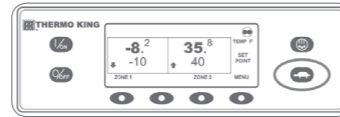   - If no alarms are present, NO ALARMS is shown.
   - If alarms are present, the quantity of alarms (if more than one) and the most recent alarm code number will be shown.

4. After the alarm situation is resolved press the CLEAR key to clear the alarm.
5. To display the next alarm, press the NEXT key.
   - If an alarm will not clear, it may still exist. If the alarm is not corrected, it will not clear. All alarms must be viewed before any of the alarms can be cleared.
   - If an alarm cannot be cleared from the Main menu, the Clear key will not appear. These alarms must be cleared from Guarded Access Menus.
6. Press the EXIT key to return to the Standard Display.

See Operator's Manual for more information regarding alarm codes.

SIMPLE TO SELECT
High Speed Lockout Feature

1. From the Standard Display, press the High Speed Lockout key.
   - PROGRAMMING HIGH SPEED
   - LOCKOUTPLEASE WAIT will briefly be displayed.
   - The change will be confirmed by
   - displaying HIGH SPEED LOCOUT
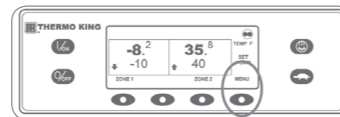   - ACTIVE or HIGH SPEED LOCKOUT
   - INACTIVE.
   - The display will then return to the Standard Display. If High Speed Lockout is turned on, the message HIGH SPEED LOCKOUT ACTIVE will be shown at the top of the standard display.
2. Pressing the High Speed Lockout key again will turn the feature off.
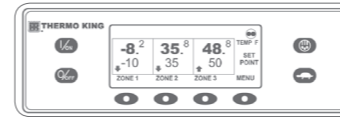
SIMPLE TO CHECK
Hourmeters

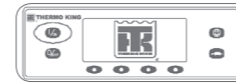1. From the Standard Display, press the MENU key.
2. Press the NEXT key until the Hourmeters Menu appears.
3. Press the SELECT key to enter the Hourmeters Menu.
4. Press the NEXT and BACK keys to view the hourmeter displays.
5. Press the EXIT key to return to the Standard Display.
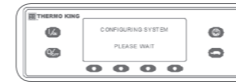
SIMPLE TO OPERATE
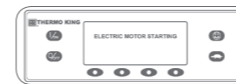### SmartPower™ Electric Standby (OPTION)

1. Connect the proper voltage power supply to the unit's power receptacle.
2. Press the ON key to turn the unit on.
   - The Thermo King Logo will briefly be displayed as the system initializes.
   - CONFIGURING SYSTEM PLEASE WAIT briefly appears while communications are established and the unit prepares for operation.
   - The Standard Display showing box temperatures and setpoints briefly appears next.
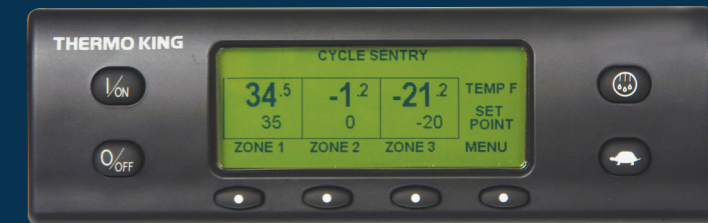   - ELECTRIC MOTOR STARTING will appear.
   - The Standard Display showing box temperatures and setpoints appears while the unit is running.

3. Press the OFF key to turn the unit off. The unit will immediately shut off and SYSTEM IS POWERING DOWN will appear briefly.

THERMO KING

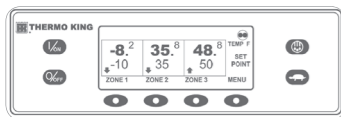# Multi-Temperature Truck Unit with Premium HMI

Driver Guide to Simple Operation

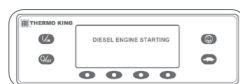For more information or tutorial sessions, please contact your Thermo King Service Manager

Ingersoll Rand

SIMPLE TO START
One or Multiple Zones

1. Press the ON key to turn the unit on.
   - The Thermo King Logo will briefly be displayed as the system initializes.
   - CONFIGURING SYSTEMPLEASE WAIT briefly appears while communications are established and the unit prepares for operation.
   - The Standard Display showing box temperatures and setpoints briefly appears next.
   - DIESEL ENGINE STARTING appears as the engine preheats and starts. On SmartPower equipped units, ELECTRIC MOTOR STARTING will appear if the unit is connected to standby power.
   - The Standard Display showing box temperatures and setpoints appears while the unit is running.
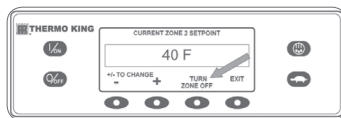
2. Press the OFF key to turn the unit off. The unit will immediately shut off and SYSTEM IS POWERING DOWN will appear briefly.

To turn a Zone on or off:
Zone 1 will always be displayed any time the unit is turned on. Zone 2 and Zone 3 (if present) can be turned on and off as desired.
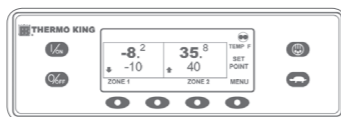1. Return to the Standard Display (press any key to return to the Standard Display).
2. Press the ZONE key under the desired zone.
   - The setpoint display appears. If the zone is turned on, the third key will be labeled Turn Zone Off. If the zone is turned off, the third key will be labeled Turn Zone On.

3. Press the TURN ZONE OFF key to turn the zone off.
   - The display briefly shows PROGRAMMING ZONE ON/OFF - PLEASE WAIT.
   - The display will confirm the new Zone setting for several seconds.
   - The display will return to the Standard Display showing the Zone is off. The setpoint for the Zone has been replaced with OFF to indicate that the zone is now off.
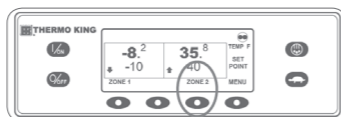
SIMPLE TO SET
CYCLE-SENTRY™ or Continuous Run

1. From the Standard
   - Display, press the MENU
   - key to display the MODE
   - menu.
2. When the MODE Menu is shown press the SELECT key.
   - TURN OFF CYCLE SENTRY or TURN ON CYCLE SENTRY will appear.
3. Press the SELECT key to change the mode.
   - The new mode is confirmed for 10 seconds followed by NEW SYSTEM MODE IS (Cycle Sentry or Continuous).
4. Once the display returns to Mode Menu, press EXIT key to return to the Standard Display.
5. Press the SELECT key again to change the unit back to the previous mode.
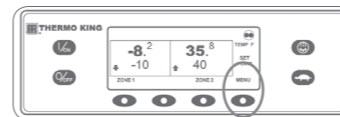
SIMPLE TO SET
Setpoint Temperature

1. From the Standard Display, press the ZONE key for the desired zone (example: Zone 2 is shown).
   - The setpoint display will appear for the selected Zone.
2. Press the + or – keys to change the setpoint reading.
3. Press the YES or NO key accordingly.
   - PROGRAMMING NEW SETPOINT - PLEASE WAIT will appear.
   - NEW SETPOINT WILL BE XX appears briefly.
   - The Standard Display appears with Zone setpoint changed to the new setpoint.
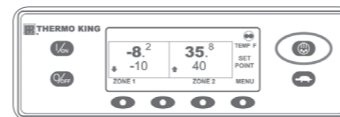
SIMPLE TO CHECK
Gauges

1. From the Standard Display, press the MENU key.
2. Press the NEXT key until the Gauges Menu appears.
3. Press the SELECT key to enter the Gauges Menu.
4. Press the BACK or NEXT keys to scroll through the available gauges.
5. Press the LOCK key to display any gauge screen for an indefinite period.
6. Press the LOCK key again to unlock the screen.
7. Press the EXIT key to return to the Standard Display.
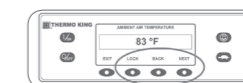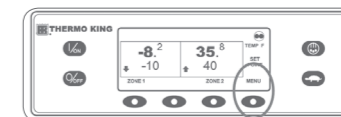
SIMPLE TO DEFROST
Initiate Manual Defrost

1. From the Standard Display, press the DEFROST key.
   - DEFROST will briefly be displayed followed by SELECT ZONE TO DEFROST.
2. Press the SELECT key for desired zone (example: Zone 1 is shown).
   - The display will briefly show DEFROST, followed by PROGRAMMING DEFROST - PLEASE WAIT and then DEFROST STARTED.
   - The bar indicator shows approximate percentage of time remaining to complete defrost cycle.
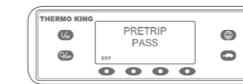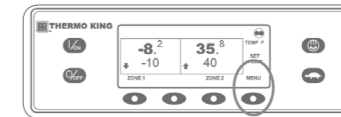
SIMPLE TO CHECK
Sensors

1. From the Standard Display, press the MENU key.
2. Press the NEXT key until the Sensors Menu appears.
3. Press the SELECT key to enter the Sensors Menu.
4. Press the NEXT or BACK keys to scroll through the sensors.
5. Press the LOCK key to display any sensor screen for an indefinite period.
6. Press the LOCK key again to unlock the screen.
7. Press the EXIT key to return to the Standard Display.

SIMPLE TO CHECK
Pretrip Test

1. Clear all alarm codes.
2. From the Standard Display, press the MENU key.
3. Press the NEXT key until the PRETRIP Menu appears.
4. Press the SELECT key.
   - FULL PRETRIP will be initiated if the unit is not running.
   - RUNNING PRETRIP will be initiated if the unit is running on either diesel or electric standby.

When all tests are complete, the results are reported as PASS, CHECK or FAIL. If the results are CHECK or FAIL, the accompanying alarm codes will direct the technician to the cause of the problem.

NOTE: The defrost cycle terminates automatically when the evaporator coil reaches a predetermined temperature or when the defrost timer expires. Defrost can also be terminated by turning the unit off and back on.