SIMPLE TO ACCESS
Alarm codes

Alarm code descriptions

	Manual start
bAt	**Low battery voltage.** Unit and battery protection system.
	Auto start
P1E	**Cargo Box return air temperature reading error (open circuit or shortcircuit).** *Contact your Service Dealer.*
E7	**Communications failure (it is not possible to read any value from the In-cab, but the unit continues to work with previous operating command).** *Contact your Service Dealer.*

SIMPLE TO ACCESS
Alarm codes

Alarm code levels

There are two alarm categories:

Manual start: The alarm stops the unit, the dot and the ALARM symbol appears on the screen. Once the alarm condition has been rectified, the ON/OFF key must be pressed to start the unit. Press and release the SET key twice to display the current alarm code on the screen. If there is more than one active alarm, all the alarm codes on the unit can be viewed in sequence by pressing and releasing the SET and ARROW keys.

Auto start: The alarm stops the unit, the ALARM symbol appears on the screen and the unit starts up automatically once the alarm condition has been rectified.
If **P1E** - return air temperature read error alarm code - appears, the alarm symbol will also appear on the screen instead of the return air temperature reading.

Clear alarms

The alarm condition in the unit must first be cleared. After clearing the alarm condition, press and release the SET key to remove existing ALARM codes. The standard display will appear once the ALARM codes have been cleared.

Caution: This is a quick reference guide.
     Always refer to the operating manual for detailed instructions.

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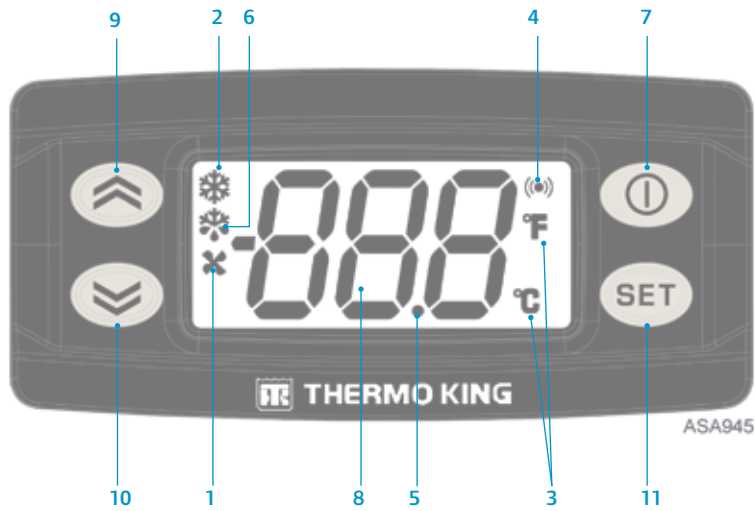
THERMO KING

Ce-Series In-Cab Controller

Driver's guide to simple operation

Ingersoll Rand

ASA945

Vehicle operation

1. Start the vehicle engine. The dot symbol will remain lit.
2. Press the ON/OFF switch located in the In-cab Control Box for at least 1 second. The In-cab Control Box display will be activated.
3. Check the setpoint, and adjust if needed.

NOTE: Regular monitoring of the unit is recommended, the frequency of this monitoring will depend on the type of cargo.

SIMPLE TO SET

Entering setpoints

The setpoint temperature can be quickly and easily changed.
1. Press and release the SET key once, and the letters SP will appear on the screen.
2. Press the SET key again and the current setpoint temperature will appear on the screen.
3. Press the UP or DOWN arrow key to select the desired setpoint temperature. Each time either of these buttons is pressed and released, the setpoint temperature will change 1 degree. Setpoint temperature will also change continuously if the UP/DOWN key is continuously pressed without release.
4. Press and release the SET key to set the setpoint.
5. Press and release the ON/OFF key twice to return to the standard display.

Caution: If the SET key is not pressed within 20 seconds to select the new setpoint temperature, the unit will continue to run at the original setpoint temperature.

LCD DISPLAY DESCRIPTIONS

1. **Heat symbol**
   The unit is heating.
2. **Cool symbol**
   The unit is cooling.
3. **ºC/ºF symbol**
   This symbol indicates whether the on-screen temperature reading is in degrees Celsius (ºC) or degrees Fahrenheit (ºF).
4. **Alarm symbol**
   This symbol indicates that there is an alarm in the system.
5. **Dot symbol (decimal)**
   This symbol indicates power presence, only when unit is off.
6. **Defrost symbol**
   This symbol indicates the evaporator unit is in defrost mode.

KEYPAD DESCRIPTIONS

7. **ON/OFF key**
   This key is used to start/stop the unit by holding the key down for at least 1 second. Single press for exit to the previous level menu.
8. **LCD display**
   This display is always active except when the unit is disconnected (no power) or when the unit is connected but has been manually switched off from the In-cab Control Box. It normally displays the return air temperature.
9. **UP key**
   This key is used to increase the setpoint temperature, display values, and for menu scroll up.
10. **DOWN key**
    This key is used to reduce the setpoint temperature, display values, and for menu scroll down.
11. **SET key**
    Selects prompt screens and information screens.
    Single press: enter the next level menu.

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