

## CONTROLLER FUNCTIONS

**TURNING THE SYSTEM ON** - Press and hold the Mode Selection knob:

- **1 second** - turns the system **ON**.
- **3 seconds** - turns the system **OFF**.

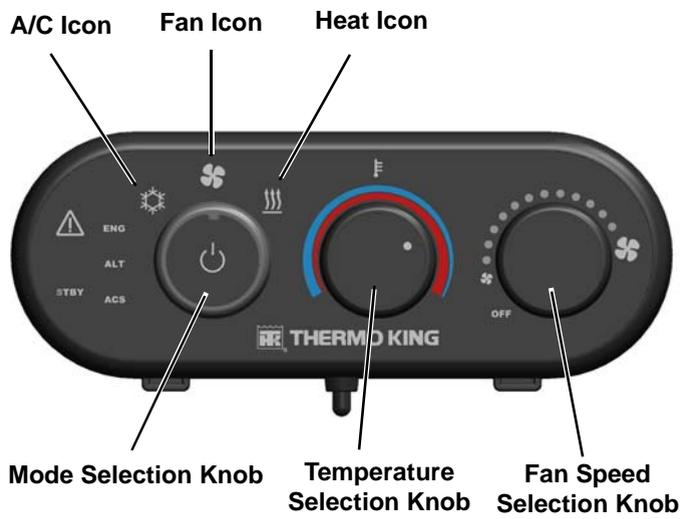
*NOTE: The display will dim after two minutes if no selections are made. "Bump" the On/Off mode selection knob to activate the display for an additional two minutes.*

**MODE SELECTION** - Rotate the **Mode Selection** knob to choose between **A/C, Fan, or Heat**.

**TEMPERATURE SELECTION** - Rotate the Temperature Selection knob to raise or lower the temperature set point.

**FAN SPEED SELECTION** - Rotate FAN Speed knob to desired fan speed (Off-Low-Medium-High).

*NOTE: Groups of four LED's will illuminate to represent the selected fan speed.*



## SYSTEM STATUS DISPLAY

**Standby Icon** - The STBY icon is illuminated when the system is in Standby or Monitor mode. To change the mode from Standby to HVAC, bump the Mode Selection Knob or turn any one of the knobs.

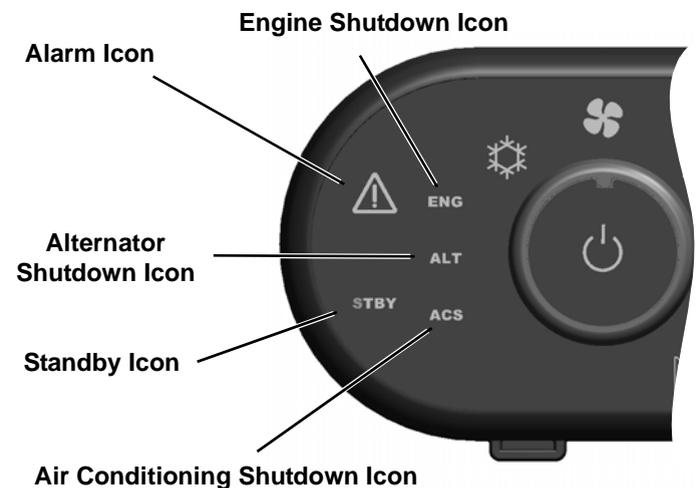
**Alarm Icon** - The Alarm icon is illuminated either red or yellow if the system has an active alarm:

- **Yellow** - Check Alarms
- **Red** - Shutdown Alarms

Along with the Red Shutdown Alarm Icon, one of the green alarm LED's (ENG, ALT, ACS) will also illuminate to help identify the problem area:

- **ENG** - engine related alarms
- **ALT** - alternator or charging system alarms
- **ACS** - air conditioning system related alarms

*NOTE: Turning the controller off and back on will clear all alarms displayed. Contact the nearest Thermo King Dealer if alarms continue to appear.*



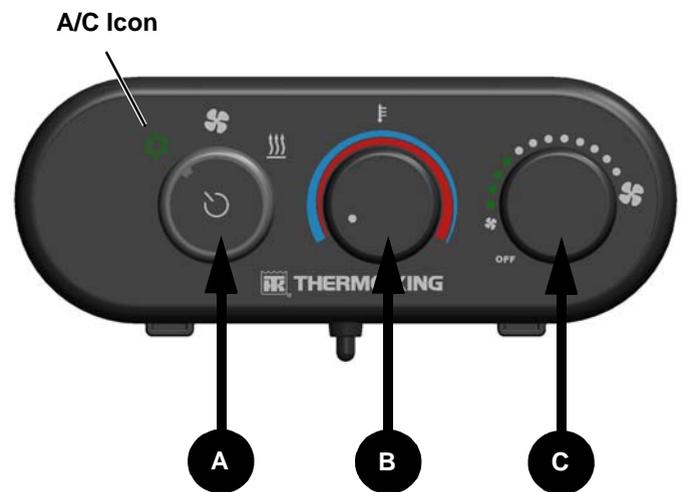
## MODE SELECTION - AIR CONDITIONING

This selection provides sleeper compartment air conditioning. The A/C will shut off when sleeper compartment temperature reaches the set point selected by the control panel. If the sleeper compartment temperature rises several degrees above set point the APU will restart.

With the APU system **ON**:

- Rotate MODE knob **(A)** to **A/C** position.
- Rotate TEMP knob **(B)** to raise/lower desired temperature.
- Rotate FAN knob **(C)** to desired fan speed (Low-Medium-High). When the A/C system is on, the fan speed will default to low. There is no off setting while the A/C is operating.

*NOTE: Groups of four LED's will illuminate to represent the selected fan speed.*



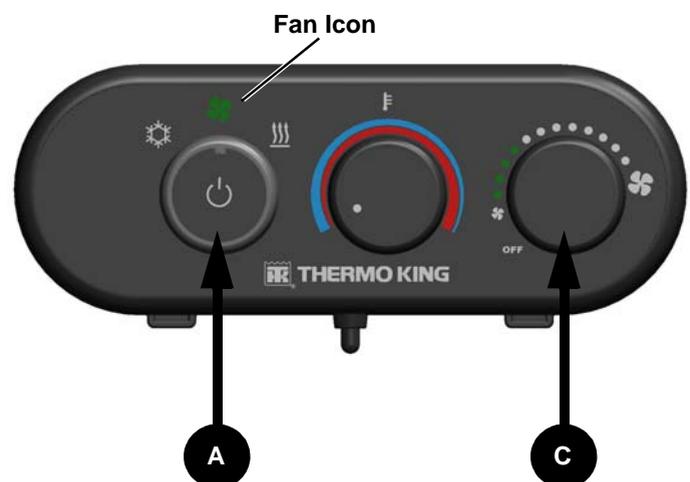
## MODE SELECTION - FAN ONLY

This selection allows circulation of the air inside the sleeper compartment.

With the system **ON**:

- Rotate MODE knob **(A)** to **FAN** position.
- Rotate FAN knob **(C)** to desired fan speed (Off-Low-Medium-High).

*NOTE: Groups of four LED's will illuminate to represent the selected fan speed.*



## TRIPAC EVOLUTION



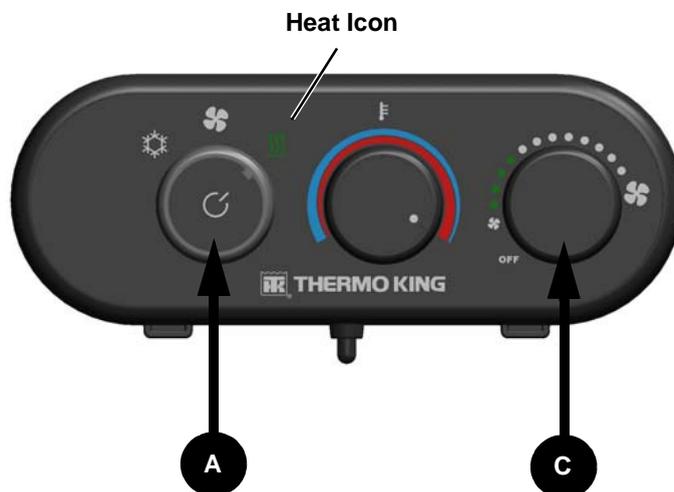
### MODE SELECTION - HEAT

The cab heater regulates the sleeper compartment temperature to the set point selected with the control panel. The cab heater has an internal fan which operates independently of the control panel. When Heat Mode is selected the evaporator fan speed will default to off. The evaporator fan can be operated to provide additional air circulation.

With the system **ON**:

- Rotate MODE knob (**A**) to **HEAT** position.
- Rotate FAN knob (**C**) to desired fan speed (Off-Low-Medium-High).

**NOTE: OFF is the default and recommended fan speed setting. Heated air will be provided by the heater's internal fan.**



### ALARM CODES

The APU control system continually monitors operation and can generate several alarm codes. If the APU has an alarm condition an illuminated icon on the control panel will be displayed.

- **YELLOW - Check Alarm.** This alarm serves as a notice to take corrective action at the earliest convenience before a problem become severe. The system will continue to operate but some features and functions may be inhibited or disabled.
- **RED - Shutdown Alarm.** This alarm serves as a notice that a potentially severe problem exists and immediate corrective action should be taken. The system will not operate. Along with the Red Shutdown Alarm Icon, one or more green alarm LED's (ENG, ALT, ACS) will also illuminate to help identify the problem area(s).

### Clearing Alarms

Alarm codes can be cleared by turning the controller off and back on again. If the condition that caused the alarm still exists, the alarm will return. Contact the nearest Thermo King Dealer if alarms continue to appear.

Contact Your Local Thermo King Dealer