

## HMI CONTROLLER FUNCTIONS

**TURN SYSTEM ON:** Press Mode Selection knob for at least 1 second to turn system on. HMI Icons will illuminate.

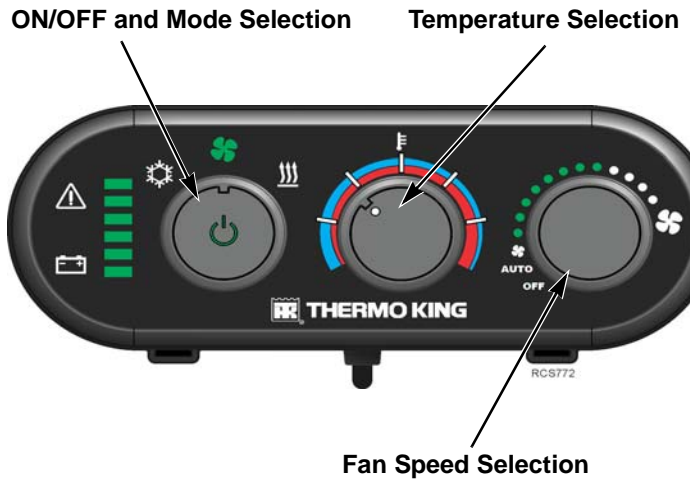
**TURN SYSTEM OFF:** Press Mode Selection knob for 3 seconds to turn system off. HMI Icons will shut off.

**MODE SELECTION:** Rotate Mode Selection knob to choose **COOL**, **FAN** or **HEAT\***. Icon selected will illuminate.

**TEMPERATURE SELECTION:** Rotate Temperature Selection knob to raise or lower temperature.

**FAN SPEED SELECTION:** Rotate Fan Speed Selection knob to set desired fan speed. LEDs will illuminate to represent fan speed.

*\* If HEAT option is installed.*



## MODE SELECTION - COOL

This selection provides sleeper compartment air conditioning.

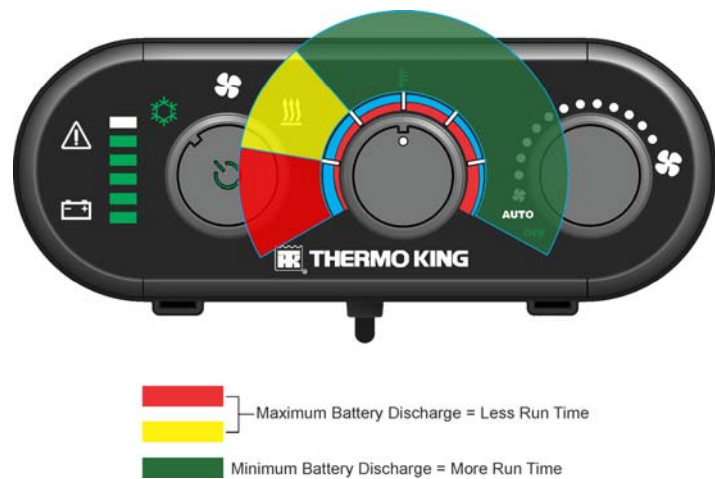
1. Turn System **ON**.
2. Rotate Mode Selection knob to **COOL** Mode.
3. Rotate Temperature Selection knob to raise/lower temperature.
4. AUTO is the default fan speed and recommended setting for best temperature and power management. Rotate Fan Speed Selection knob to change desired fan speed.



## Recommendations for Maximum Performance and Battery Run Time when in COOL Mode

The following recommendations will help provide maximum performance and run time when in **COOL MODE**:

- Avoid direct sunlight on windshield during parking.
- Close sleeper curtain and window covers.
- Use vehicle air conditioner to pre-cool cab. **DO NOT** use TriPac Envodia for cab/sleeper temperature pull down!
- Minimize inverter loads (appliances, etc.) during long rest stops.
- Keep temperature selection in **GREEN** area as shown.
- Keep fan speed selection in **AUTO** mode as shown. AUTO is the default and recommended fan speed setting for best power management.



## MODE SELECTION - FAN or HEAT\*

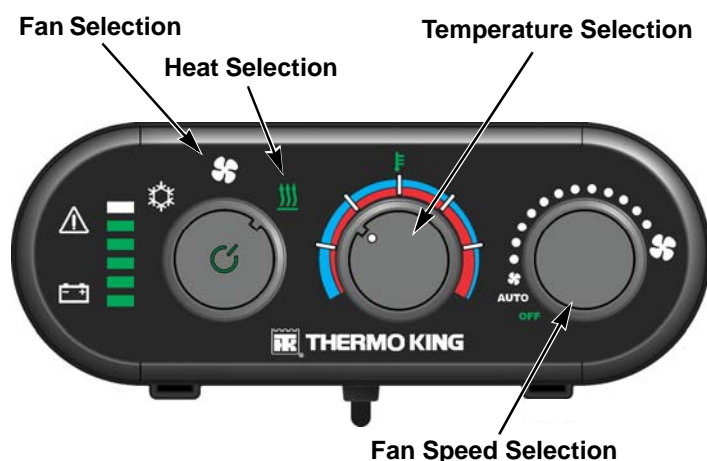
This selection provides sleeper compartment FAN (air circulation) or Heat.

1. Turn System **ON**.
2. Rotate MODE Selection knob to **FAN** or **HEAT** Mode.
3.
  - a - When in **HEAT** Mode - Rotate Temperature Selection knob to raise or lower desired temperature.
  - b - When in **HEAT** Mode, OFF is the default fan speed setting. Heated air is provided by the heater's internal fan which is not adjustable.

*NOTE: Rotate Fan Speed Selection knob if additional air circulation is required.*

4. When in **FAN** Mode - OFF is the default fan speed setting. Rotate Fan Speed Selection knob to set desired fan speed for air circulation.

*\* If HEAT option is installed.*



ENVIRO

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**BATTERY POWER INDICATORS**

When the system is **ON**, indicators will illuminate displaying the amount of auxiliary battery power available.

The indicators will illuminate and scroll continuously when the batteries are charging while the truck is running or when connected to shore power.

- 4 to 6 Green Indicators = 50% to 100% Power
- 2 to 3 Yellow Indicators = 15% to 50% Power
- 1 Red Indicator = less than 15% Power
- No Indicators = no auxiliary battery power available

**BATTERY ICON**

When the system is **ON**, the battery icon will illuminate **RED** when auxiliary battery power has been depleted and no battery indicators are illuminated. System will automatically turn off.

Battery Power Indicators



Battery Icon

**ALARM ICON**

With the system **ON**:

**YELLOW = CHECK ALARM:** This type of alarm indicates the system has an abnormal condition that should be checked by a Thermo King Technician at the next opportunity. The system will continue to operate but may have reduced capacity.

**RED = SHUTDOWN ALARM:** This type of alarm indicates a system fault that should be checked by a Thermo King technician immediately.

**The system will not operate with this alarm active.**

**Clearing Alarms**

Alarm codes can be cleared by turning the HMI 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.

**ADVANCED FEATURES**

See your Operator's Manual (TK 56460) for additional HMI advanced features and settings.



YELLOW = CHECK ALARM



RED = SHUTDOWN ALARM

**THERMO KING**

**OPERATOR MANUAL**

Manuals can be found by scanning the QR code,  
calling the Cold Line

(888) 887-2202

or download from

www.thermoking.com/manuals