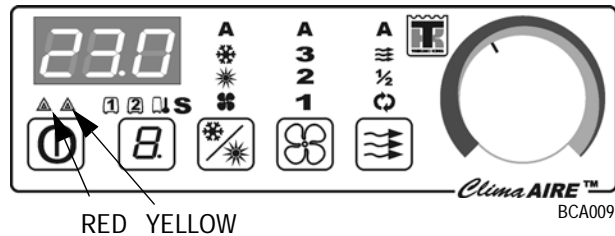


## Alarms



RED YELLOW

The **Red Alarm** Symbol will illuminate in the following two conditions:

- The Red Alarm Symbol illuminates when high or low pressure switches are off longer than 10 minutes.
- The Red Alarm Symbol will flash on and off when high or low pressure switches are off 5 times per 10 minutes.

In both cases, the unit will switch to the Ventilation mode.

To restart, turn the unit off and on again by pressing key (1).

If the alarm comes up again, don't restart and see your nearest dealer for service.

The **Yellow Alarm** Symbol will illuminate in case of temperature sensors failure.



**CAUTION:** The unit can automatically start and run anytime the ignition key is in the ON position. No matter if the ON/OFF switch is ON or OFF (depends on setup program).

## Warranty Instructions

Should you require warranty service during the warranty period, simply present your copy of the Warranty Certificate at any of the dealer locations shown in the Thermo King Service Directory. Terms of the complete Thermo King Corporation Warranty are available on request.



**CAUTION:** This is a driver's reference guide. If further information is required, consult your Thermo King service directory for the location and phone of the local dealer.

# Clima AIRE II™

with display

# Controller Operator's Manual



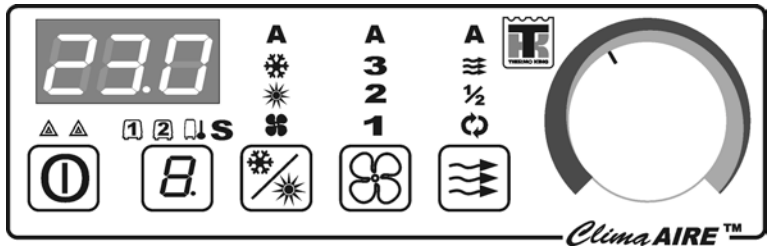
BCA007

**Control Panel Descriptions**  
**Operating Instructions**  
**Alarms**



# THERMO KING

TK 51707-3-PC © Thermo King Corporation



ON/OFF (1)    DISPLAY (2)    MODE (3)    SPEED (4)    AIR MODE (5)    THERMOSTAT (6)

## Operating Instructions

Turn the system on by pressing key (1).

Use the keys (3), (4) and (5) to **adjust the system**. By pressing the selection key you select one of the options in the same group.

Use the key (2) to **set the display mode**.

In "A" mode (Auto) all functions are controlled by the ClimaAIRE controls **automatically** according to the required setpoint.

Turn the system off by pressing key (1).

## Control Panel Descriptions

### (1) ON/OFF KEY


To turn the unit ON, press the key. The display will show inside temperature.

To turn the unit OFF, press the key again.

### (2) DISPLAY SELECTION KEY


 The inside temperature in **Zone 1** is displayed.

 The inside temperature in **Zone 2** is displayed.


 The **Ambient** air temperature is displayed.


 The **Thermostat Setpoint** air temperature is displayed.

### (3) COOLING/HEATING MODE SELECTION KEY


 **Reheat/Auto Mode:** The unit will cool or heat the bus automatically (according to thermostat requirements).

 **A/C Mode:** The unit will operate in cool mode.

 **Heat Mode:** The unit will operate in heat mode.

 **Ventilation Mode:** Only the blowers are operating.

### (4) BLOWER SPEED SELECTION KEY


 **Automatic Blower Speed:** The blowers are controlled automatically depending on the thermostat setpoint and passenger compartment conditions.


 **High Blower Speed.**

 **Medium Blower Speed.**

 **Low Blower Speed.**

### (5) FRESH OR RECIRCULATED AIR SELECTION KEY

 **Automatic:** Fresh air is automatically controlled in passenger compartment.

 **Fresh Air damper is open.**

 **Fresh Air damper is open at 50 %.**

 **Recirculated Air:** Fresh air damper is closed.

### (6) THERMOSTAT

To **cool** the passenger compartment, turn the knob to the LEFT. To **warm** the passenger compartment, turn the knob to the RIGHT.

Display will show adjusted setpoint.

The inside temperature range is 17–27 C (63–80 F)