



Touch-Pad Control

Application:

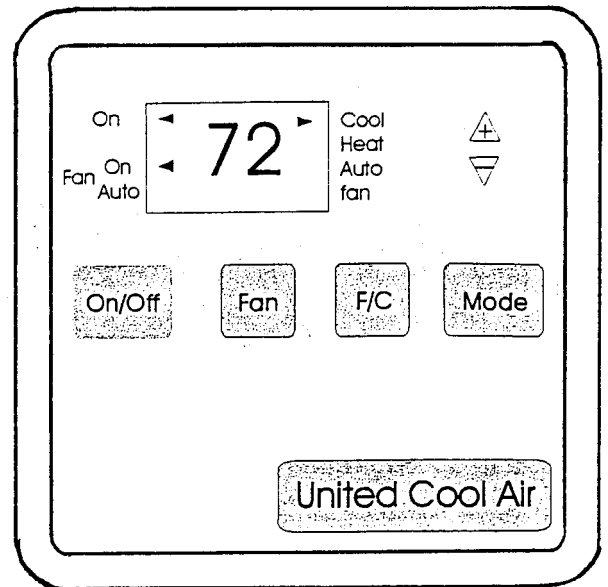
The Touch-Pad is a flush mount control with the LED and relays mounted behind the cabinet.

Specifications:



Temperature Range	45° F / 85° F (7° C / 29° C)
Accuracy	+/- 2° F
Load Rating	20 amps @ 120/208/230VAC
System	2 Heat / 2 Cool Fan Auto / On (1 Speed)
Ambient Storage Temp.	-20° F to 135° F
Input Voltage	24VAC

Display Function:

1. Press the **On/Off** button, the "arrow" will point to "On" in the upper left hand corner of the display. To turn off, press the **On/Off** button, the "arrow" will disappear and the unit will be off.
2. The LCD displays Temperature and Set Point.
3. The display can show the Temperature and Set Point in Fahrenheit or Celsius. Pressing the **F/C** button will alternate the display from Fahrenheit to Celsius or back again.
4. Press the **Mode** button to select Cool, Heat, Auto (Auto changeover for heating or cooling) or Fan. An "arrow" will point to the selected mode along the right hand edge of the LCD.
5. When the "arrow" is flashing, the control is calling for Heat or Cool. When the "arrow" is solid, the control has achieved the set point temperature.



Operating Instructions:





1. The system must be set to the Cool only mode, Heat only mode, or Auto changeover mode.
2. To change the set point, press the  button to raise the set point or the  button to lower the set point.
3. When the space temperature is 1° F above or below the set point, the cooling or heating will turn on. In the Auto changeover mode there is a “dead band” that will keep the heating and cooling from overlapping and wasting energy.

Fan Operation:

1. The fan can be set to cycle with the heating or cooling or to be on continuously.
2. Press the **Mode** button so that the “arrow” points to the Fan mode indicator.
3. Press the **Fan** button to set the fan to “On” or “Auto”. An “arrow” will be displayed in the lower left corner of the LCD as to what setting is selected.
4. Press the **Mode** button to resume normal operating function for heating, cooling or auto.

Setting the Limit Settings:

The control has the ability to limit the range of operation. The intent of this function is to limit what an individual could do to the space temperature. For example, if the space is to be maintained at 72 °F the upper limit could be set to 75 °F and the lower limit to 68 °F. If the set point is raised to 80 °F in the heat mode, the control would only allow control up to the 75 °F limit setting.

1. Press and hold the **F/C** button (10 seconds).
2. The display setting will change to show the upper limit.
3. Change the limit setting by pressing the  or  buttons.
4. Press the **F/C** button again, the display setting will change to show the lower limit.
5. Change the limit setting by pressing the  or  buttons.
6. Press the **F/C** button again, the display setting will show the actual space temperature again.

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