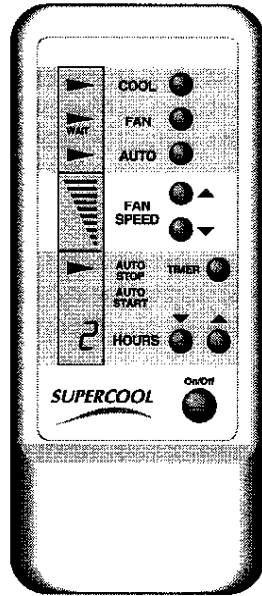


SUPERCOOL



Operating Instructions Thermostat Cooler Controller

Please study these instructions carefully and familiarise yourself with the controls. Once you understand the purpose of each control you will be able to get the maximum benefit from your Braemar cooler. Your installer should demonstrate the operation and procedures set out in these instructions.

Keep these instructions in a safe place for future reference.

Explanation of the Controller Buttons.


ON / OFF BUTTON

This button turns the cooler **ON** and **OFF**.

If the cooler is running in the Automatic mode, and you turn it off, when it is turned back on the cooler will still be in Auto mode.

If the cooler is running in Manual mode and you turn it off, when it is turned back on the cooler will be in Manual mode. If there is a power failure, or when the cooler is first powered up, pressing the on/off button to turn the cooler on will place the cooler in Automatic Control mode.


AUTO BUTTON

This button turns the Automatic Control mode on or off. When the **AUTO**  arrow is displayed the cooler is under Automatic Control.

In Automatic Control mode the Fan, and Pump will be controlled according to the temperature sensed at the Wall Control. When the cooler is first turned on for the day, it will read the temperature and set the Fan Speed and Pump accordingly. If the temperature increases at the Wall Control, then the Fan Speed will increase, as the temperature decreases the fan speed will decrease until the cooler turns off.

When the **AUTO**  arrow is **not** displayed, the cooler is in Manual Mode.

COOL BUTTON

With the cooler in Manual mode, pressing this button will turn the pump on or off. The **COOL**  arrow displayed indicates that the pump is on.

In Automatic Control mode pressing this button has no effect.

FAN BUTTON

In the Manual mode, (the AUTO ► arrow is not displayed) pressing this button will turn the fan on or off. The FAN ► arrow displayed indicates that the fan is on.

In Automatic Control mode pressing this button has no effect.

FAN SPEED BUTTONS

With the cooler in the Manual mode, pressing the UP button will increase the fan speed to its maximum, (10 bars will be displayed). Pressing the DOWN button decreases the fan to its minimum speed.

(1 bar will be displayed) Pressing either button once will change the speed by one (1) increment, holding the button down will change speed in multiples.

AUTOMATIC CONTROL

In AUTO mode, the arrow ► is displayed next to AUTO, pressing the FAN SPEED Buttons will alter the range of the Preset Auto Control function.

Cooler is too cold.

With the cooler running under AUTO control, you may find that you are too cold or that the cooler is blowing too much air. Pressing the FAN SPEED down button will lower the fan speed and reduce the amount of cooling.

Cooler not cold enough.

You may find that running under AUTO control that you are not cool enough, simply press the FAN SPEED up button to increase the cooling rate.

TIMER BUTTON AUTO STOP


If the TIMER Button is pressed when the cooler is running in either Auto or Manual mode, the AUTO STOP ► arrow is displayed.

"12" will also show at the bottom of the display. You have just set the cooler to turn off in 12 hours.

To turn the cooler off in 2 hours, press the arrow until "2" is shown in the display, the Cooler will run in its present mode for a 2 hour period and then turn off.


Use the UP / DOWN HOURS buttons to set up to 24 hours to turn off.

TIMER BUTTON AUTO START

To set the cooler so that it will turn on whilst you are away, press the **TIMER** button with the cooler turned off. The **AUTO START**  arrow will be displayed, and "12" will show in the bottom of the display. Set the number of hours to start-up using the **UP / DOWN HOURS** buttons, up to 24 hours can be set.

If you want the cooler to come under **AUTO** control then press the **AUTO** button.

If you want the cooler to come on in Manual mode, then after the hours has been set press the **FAN** button, the **COOL** button, and set the **FAN SPEED** as required.



During the waiting to start time, the arrows  next to the functions you have set will flash, this indicates they are set to come on at the end of the waiting to start time.

WAIT

If at any time during the operation of the cooler, you observe the word "**WAIT**" flashing, this only means the pump is pre-wetting the pads before bringing on the fan.

The pre-wetting cycle will only last a couple of minutes.

Using Your Airconditioner

Now that you have read these instructions, press the **ON/OFF** button to turn the cooler **ON**. If the cooler has not been on before, it will be in the Automatic Control mode. (**AUTO**  is displayed) . If it is warm inside, the display will flash "**WAIT**", This means that the pump is prewetting the pads, and will take 2 minutes to complete. After 2 minutes, the fan will come on automatically. The cooler may be in **AUTO** control (**AUTO**  is displayed) or in manual mode. (depends how the cooler was last used)

Don't be afraid to experiment with the settings on your controller, this is the best way to get the most from your cooler.

For more detailed information on your Supercool Cooler refer to the general *Installation and User Instruction booklet*.