

# HAN-L62 MICROPROCESSOR CONTROLLER



## USER'S OPERATING INSTRUCTIONS

Your air conditioner is supplied with the latest advanced process Model HAN-L62 Microprocessor Controller.

The adjustment details for this easy to use control are described in this booklet.

All control settings for the HAN-L62 can be changed whether the control is turned off or on.

When adjusting the control the backlight in the display panel is turned on and switches off after the last adjustment is made.

If the power to the unit is turned off or a power failure occurs all last settings are maintained in EEPROM memory. The real time clock operation is backed up by a long life battery.

### **SWITCH ON**

To turn the air conditioning unit on, simply press the ON/OFF button. The LED display will then be illuminated and the ON/OFF button light will turn on.



### **SWITCH OFF (Standby Mode)**

To turn the air conditioning unit off, simply depress the ON/OFF button. This will place the unit into "standby mode". The current set-point and fan speed selection will be stored in the controller's memory. Do not restart for several minutes to allow the air conditioning equipment to stabilise before re-starting.

### **SYSTEM MEMORY**

Whether the unit is switched on by means of the ON/OFF key or automatically by the built in 7 day 6 function timer, the control's set-point and fan speed settings will be the last settings at the time the unit was switched off.

If the HAN-L62 has been disconnected from the supply voltage, when the control is switched on the control's set-point and fan speed settings will be the last settings at the time the unit was switched off.

### **MODE SELECTION**



Press the "MODE" button to select FAN/DRY/COOLING/HEATING or AUTO. Each mode of operation is described below.



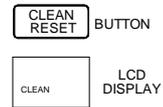
The digital LCD display will indicate the mode while the adjustment is being carried out.

- FAN – With "FAN" selected only, the indoor air circulating fan will run.
  - DRY – "DRY" operation is used to reduce the humidity without cooling the room too much. In this mode the fan operates on low speed and the compressor automatically cycles on and off to reduce the humidity.
  - COOLING – The system will operate automatically to provide comfort cooling.
  - HEATING – The system will operate automatically to provide comfort heating.
  - AUTO – The system will operate automatically on cooling or heating to maintain the set temperature.
- After selecting the mode press the ON/OFF button to start the fan. It is preferable to switch the control off before changing the mode switch. If the control is switched on when the MODE button is altered, the air conditioner will not change cycle for 4 minutes to allow the system to stabilise. After this time delay the air conditioner will operate in the mode selected. (FAN/DRY/COOL/AUTO/HEAT)



**CLEAN RESET**

The LCD displays “CLEAN” every 250 hours to tell you that the filter needs cleaning. After cleaning filter, press “CLEAN RESET” button to reset timer. Filter “CLEAN” display will be turned off.

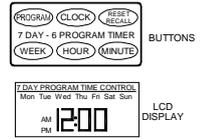


**7 DAY AUTO TIME CLOCK**

**Clock setting**

To set the clock time simply press the “HOUR” button to set the hour & “MINUTE” button to set the minute.

To set the day of the week press the “WEEK” button. Each time you press the week button different days will be displayed.

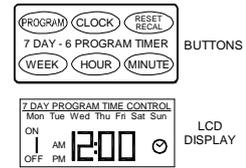


**DE-ICE DISPLAY**

Should “DE-ICE” be displayed this indicates the indoor coil has formed a layer of ice on the indoor coil that will affect the units operation. The “DE-ICE” function will melt the ice that has formed. It is recommended to check the return air filter as if it is blocked with dust, the air flow will be reduced causing the indoor coil to form ice.

**7 DAY PROGRAM TIME CONTROL**

- 1) Press “PROGRAM” and 1<sup>ON</sup> will appear to indicate the 1st power on time is ready to be set. You will notice “OPERATION” – “ZONES” – “SET TEMP POINT” – “FAN SPEED” and “7 DAY PROGRAM TIME CONTROL” all flash.
- 2) Press “MODE” to select desired mode.
- 3) Press zone buttons to select zones to be turned on.
- 4) Press “SET TEMP UP” or “SET TEMP DOWN” to select desired temperature.
- 5) Press “FAN SPEED” to select desired speed.
- 6) Press “WEEK” to select the desired day/s that you want your power-on time.
- 7) Press “HOUR”, then “MINUTE” to enter the first desired power-on time. (Note: To reset times, press “RESET/RECALL”).
- 8) When desired power on (1<sup>ON</sup>) details are entered, press “PROGRAM”. 1<sup>OFF</sup> will now appear to indicate the 1st power off time is ready to be set.
- 9) Repeat steps 6-8. (Note: For every power-on time, there must be a power-off time).
- 10) Repeat steps 1-10 until the 6th power-off timer is set. (Note: There is a max of 6 ON/OFF times).
- 11) You may press “PROGRAM” to double check the days and times.
- 12) Press “CLOCK” to resume present time.



**OPTIONAL MULTIPLE CONTROL**

If more than 1 control is installed, you can select any control to be the “MASTER” by simply pressing the ON/OFF button. All other controls will change to “SLAVE” mode automatically.

To adjust each control to desired settings, simply follow instructions from the previous pages.

In the event of a power failure, the master control will be the one prior to the power failure that will resume operation.

**MULTIPLE SENSORS (AVERAGING)**

If optional multiple sensors are connected (up to 4 in total) they are activated by pressing the relevant ZONE buttons (1 to 4).

**DIAGRAM OF HAN-L62 WITH FRONT DOOR OPEN**

