

## 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.

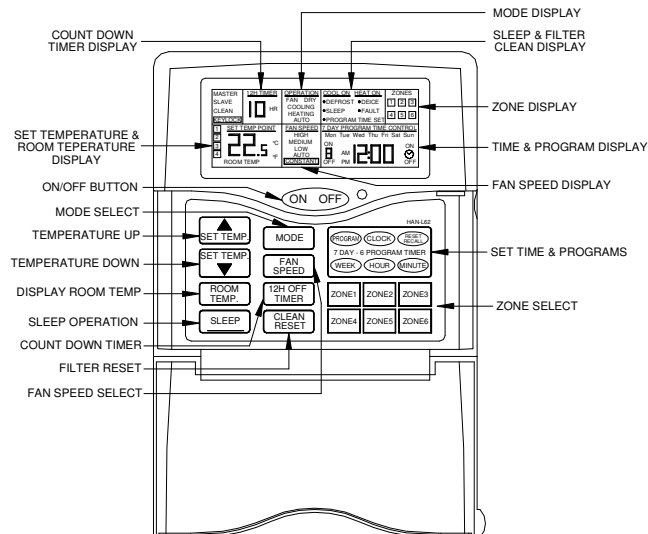
To adjust each control to desired settings, simply follow instructions from the previous pages.

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



## 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.



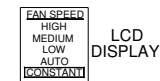
The digital LCD display will indicate the mode while the adjustment is being carried out.

- 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)

## FAN SPEED ADJUSTMENT

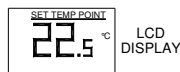
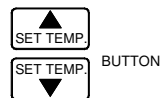
Select the desired fan speed by pressing the "FAN SPEED" button.



- o In FAN mode, you can only select HIGH – MEDIUM or LOW fan speed.
- o In DRY mode, the fan operates on low fan speed only.
- o In COOLING or the cooling cycle of AUTO mode, you can select from HIGH – MEDIUM – LOW – AUTO – HIGH CONSTANT MEDIUM CONSTANT – LOW CONSTANT – AUTO CONSTANT with each press.
- o In HEATING operation (AUTO or HEAT mode) the indoor fan speed is automatically controlled to ensure the air conditioner operates to its maximum efficiency.
- o CONSTANT means continuous operation of the fan speed while the control is in operation even when the compressor has turned off. When CONSTANT is off, when the set temperature is reached and the compressor stops, the indoor fan also stops.

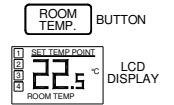
## SET POINT TEMPERATURE ADJUSTMENT

Press the "SET TEMP" UP or DOWN button to increase or decrease the temperature set-point as desired. Temperature is selectable in ½ °C increments. The digital LCD display will indicate the set-point temperature while the adjustment is being carried out. You can adjust the set-point temperature to different temperatures for Heating or Cooling mode. Just change the mode selection to "HEATING" or "COOLING" and adjust temperature as required.



## ROOM TEMP DISPLAY

Press "ROOM TEMP." to display the room temperature of each zone if optional remote sensors are installed. The LCD will display "ROOM TEMP" at the bottom left hand corner and every time you press the "ROOM TEMP." button the zone number will light up (left hand side) with the room temperature of that zone. To get back to the set-point temp press either the "SET TEMP" UP or DOWN button.

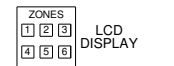
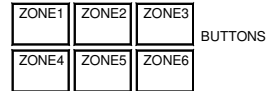


## 12 HOUR TIMER

The 12 hour timer will only work on the master control. With unit operating press "12H OFF TIMER" button. Select the number of hours until the control is to switch off. Unit will be placed into Standby mode after the set number of hours has passed.

## ZONES (OPTIONAL)

If the air conditioning installation has zones installed with the auxiliary zone board connected select the zones to be turned on. Press ZONE1 for zone 1, ZONE2 for zone 2 etc.



## LOCKING UNUSED ZONES

On installations where less than 6 zones are used, zones 3-4-5-6 can be locked off to prevent unused zones being turned on. To lock the zones off, press the zone button and hold for 3 seconds. To unlock the zone, press the zone button and hold for 3 seconds.

## SLEEP

SLEEP mode is designed to provide a more comfortable environment whilst the occupants of the air-conditioned area are sleeping. SLEEP mode does not work in AUTO mode. With the air conditioner operating the following temperature adjustment will automatically occur.

- |  |          |             |
|--|----------|-------------|
| o SLEEP button pressed, start sleep timer. | Cooling  | Heating     |
| o After 30 min. temp. set point            | up 0.5°C | down 0.5°C. |
| o After further 30 min. temp. set point    | up 0.5°C | down 0.5°C. |
| o After further 60 min. temp. set point    | up 1.0°C | down 1.0°C. |
| o Total set back temperature               | up 2.0°C | down 2.0°C. |

Sleep can be cancelled at any time by any of the following methods.

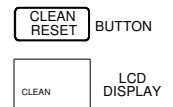
- a. Pressing the SLEEP button.
- b. Setting the required number of hours on the "12 hour TIMER".
- c. Setting a program off time to repeat daily.
- d. Setting a control start "ON" time to repeat daily.

## KEYLOCK

The KEYLOCK function prevents unauthorised persons tampering with the control settings. To activate press and hold "SLEEP" button for 4 seconds. When activated all control setting operations are disabled with the exception of the ON/OFF key. To disable the keylock function press and hold "SLEEP" button again for 4 seconds.

## 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.

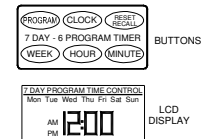


## 7 DAY AUTO TIME CLOCK

### 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.