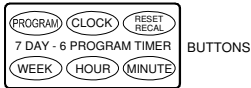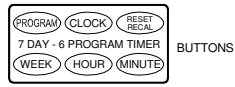## 7 DAY AUTO TIME CLOCK
Clock setting

To set the clock time simply press the hour & minute button.

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

Timer Setting

1) Press "Program" and 1^{ON} will appear to indicate the 1st power on time is ready to be set.
2) Press "Week" to select the desired day/s that you want your power-on time.
3) Press "Hour", then "Minute" to enter the first desired power-on time. (Note: To reset times, press "Reset/Recal").
4) When desired power on (1^{ON}) time and date is entered, press "Program". 1^{OFF} will now appear to indicate the 1st power off time is ready to be set.
5) Repeat steps 2-4. (Note: For every power-on time, there <u>must</u> be a power-off time).
6) Repeat steps 1-6 until the 6th power-off timer is set. (Note: There is a max of 6 ON/OFF times).
7) You may press "PROG" to double check the days and times.
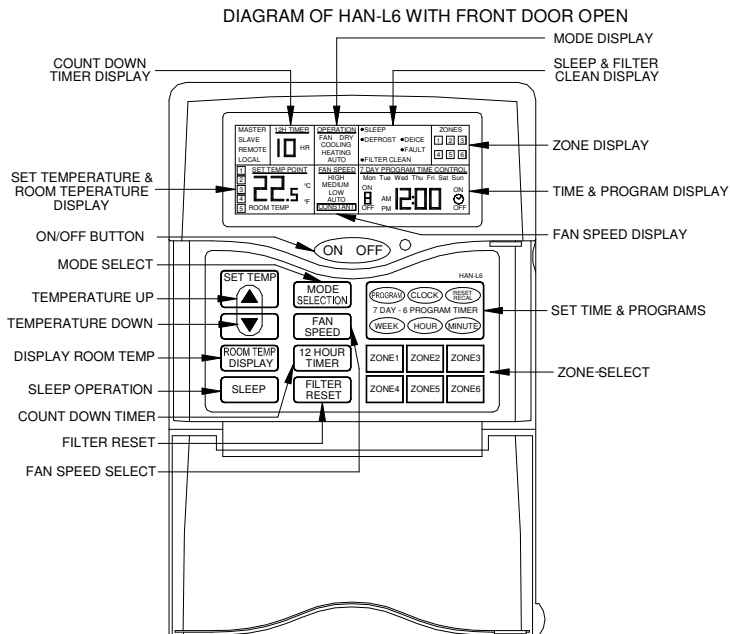8) Press "CLOCK" to resume present time.

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 stand-by mode automatically (slave).

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.

DIAGRAM OF HAN-L6 WITH FRONT DOOR OPEN

- COUNT DOWN TIMER DISPLAY
- MODE DISPLAY
- SLEEP & FILTER CLEAN DISPLAY
- ZONE DISPLAY
- SET TEMPERATURE & ROOM TEPERATURE DISPLAY
- TIME & PROGRAM DISPLAY
- ON/OFF BUTTON
- FAN SPEED DISPLAY
- MODE SELECT
- TEMPERATURE UP
- TEMPERATURE DOWN
- DISPLAY ROOM TEMP
- SET TIME & PROGRAMS
- SLEEP OPERATION
- ZONE-SELECT
- COUNT DOWN TIMER
- FILTER RESET
- FAN SPEED SELECT

AIR CONDITIONER OPERATING INSTRUCTIONS

HAN-L6 MICROPROCESSOR CONTROLLER

Your air conditioner is supplied with the latest advanced process Model HAN-L6 Microprocessor Controller.

The adjustment details for this easy to use control are contained in the following.

All control settings for the HAN-L6 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.

HAN-L6 OPERATING INSTRUCTIONS

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 Microprocessor 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

BUTTON [MODE SELECTION] ←

Press the "Mode Selection" button to select Fan/Dry/Cooling/Heating or Auto. Each mode of operation is described below.

LCD DISPLAY [OPERATION FAN DRY COOLING HEATING AUTO] ←

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

FAN – With the mode on fan the indoor air circulating fan only 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 maintain comfort conditions.
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.
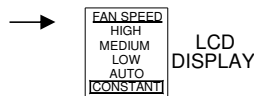
After selecting the mode press the ON/OFF button to start the fan. It is preferable to switch the control off before changing the mode switch. If the control is switched on when the mode button is altered, the air conditioner will not change cycle for 4 minutes to allow the system to stabilise. After this time delay the air conditioner will operate in the selected Fan/Dry/Cool/Auto/Heat mode.

Fan Speed Adjustment
Select the desired fan speed by pressing the "Fan Speed" button.

[FAN SPEED] BUTTON

In Fan mode, you can only select High – Medium or Low fan speed.
In Dry mode, the fan operates on low fan speed only.
In Cooling or Auto mode, you can select from High – Medium – Low – Auto – High Constant – Medium Constant – Low Constant – Auto Constant with each press.

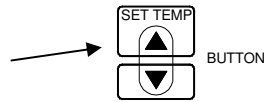[FAN SPEED HIGH MEDIUM LOW AUTO CONSTANT] LCD DISPLAY

In heating mode the indoor fan speed is automatically controlled to ensure the air conditioner operates to its maximum efficiency.
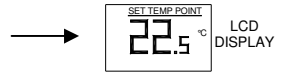
Constant means continuous operation of the fan speed while the control is in operation even when the compressor has turned off.

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 ℃ increments.

[SET TEMP ▲ ▼] BUTTON

The digital LCD display will indicate the set-point temperature while the adjustment is being carried out.
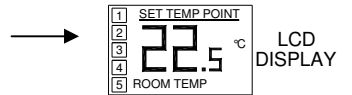
[SET TEMP POINT 22.5 ℃] LCD DISPLAY

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 Display" to display the room temperature of each zone if optional remote sensors are installed

[ROOM TEMP DISPLAY] BUTTON

The LCD will display "Room Temp" at the bottom left hand corner and every time you press the "Room Temp Display" button the zone number will light up (left hand side) with the room temperature of that zone.

[SET TEMP POINT 1 2 3 4 5 22.5 ℃ ROOM TEMP] LCD DISPLAY

To get back to the set point temp press either the "Set Temp" UP ▲ or DOWN ▼ button.
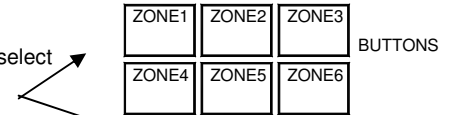
12 Hour Timer
The 12 hour timer will only work on the master control. With unit operating press "12 Hour Timer" button. Select the number of hours until the control is to switch off. Unit will be placed into Standby mode after the set number of hours has passed.
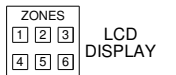
[12 HOUR TIMER] BUTTON

[12H TIMER 10 HR] LCD DISPLAY

Zones (Optional)
If the air conditioning installation has zones installed select the zones to be turned on.

[ZONE1 ZONE2 ZONE3 ZONE4 ZONE5 ZONE6] BUTTONS

Press Zone1 for zone 1, Zone2 for zone 2 etc.

[ZONES 1 2 3 4 5 6] LCD DISPLAY

Sleep
Sleep mode is designed to provide a more comfortable environment whilst the occupants of the air-conditioned area are sleeping. Sleep mode will only work in cooling or heating mode. With the air conditioner operating the following temperature adjustment will automatically occur.

[SLEEP] BUTTON

- Sleep button pressed, start sleep timer.

	Cooling	Heating
After 30 min. temp. set point	up 0.5°C	down 0.5°C.
After further 30 min. temp. set point	up 0.5°C	down 0.5°C.
After further 60 min. temp. set point	up 1.0°C	down 1.0°C.

[•SLEEP] LCD DISPLAY

At any time the sleep function can be cancelled by pressing the sleep button or changing the operational mode. Termination of sleep mode can be carried out by setting a program off time.

Filter Reset
The LCD displays "Filter" every 250 hours to tell you that the filter needs cleaning. After cleaning filter, press filter reset tab to reset timer. Filter clean display will be turned off.

[FILTER RESET] BUTTON

[•FILTER CLEAN] LCD DISPLAY