

AIR CONDITIONER OPERATING INSTRUCTIONS



HAN-L5B MICROPROCESSOR CONTROLLER

Congratulations on your purchase of a quality air conditioning system. Your air conditioning system is equipped with the latest HAN-L5B microprocessor system controller. The HAN-L5B is a sophisticated controller incorporating advanced trend optimising software to maintain a high level of comfort control. To cater for the various climatic conditions you can select fan only for air circulation, heat or cool operation or if you prefer set the control to auto for fully automatic temperature control. As the controller is pre-programmed for your comfort, operation of the control is conveniently easy.

The HAN-L5B also features an easy to use timer function. A count down timer providing delay stop or delay start feature and can be set for 1 to 12 hours.

Full operational instructions are provided in the following.

HAN-L5B OPERATING INSTRUCTIONS

Switch On

To turn the air conditioning unit on, simply depress the ON/OFF button. An audible tone will be heard as acknowledgment. The LED display along with the run and fan speed indicator will then be illuminated.

Switch Off (Standby Mode)

To turn the 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

When the unit is switched on by means of the ON/OFF key, 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 reset due to disconnection of the supply voltage when the control is switched on the settings will be a set-point of 22°C and a high fan speed setting in the cool mode and 20°C and a high fan speed setting in the heat mode .

System Mode Switch (Slide Switch) FAN / COOL / AUTO / HEAT.

With the system switched OFF (in standby mode), slide the Fan /Cool/Auto/Heat mode switch to the desired selection. The following describes each mode of operation.

FAN - With the mode switch on fan only the indoor air circulating fan will run.

COOL - In cool position the system will operate automatically to provide comfort cooling.

AUTO - The auto position will operate the system automatically on cooling or heating to maintain the set temperature.

HEAT - In heat position the system will operate automatically to provide comfort heating.

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 switch 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 Cool/Auto/Heat mode.

Fan Speed Adjustment

Open the cover door and press the fan control button to adjust the fan speed as desired. The LED indicators will move from high to medium to low then to auto with each press of the fan control button. In the auto fan mode, the microprocessor will automatically select the most suitable of the 3 fan speeds based on the difference between room and set-point temperature. While the temperature remains within $\pm 0.5^\circ$ of the set point the fan will run on medium speed.

Temperature Adjustment

Press the UP ▲ or DOWN ▼ button to increase or decrease the temperature set-point as desired. The digital LED display will indicate the set-point temperature while the adjustment is being carried out.

Count Down Timer-On Setting

With control off in standby mode, depress timer button. The digital display will change to timer display while adjustment is being carried out. Using timer button select number of hours until unit is to switch on. The red timer ON LED will light and the display will remain on and will countdown the number of hours until the control switches on. The air conditioner will start automatically after the set number of hours.

Count Down Timer-Off Setting

With unit operating depress timer button. The red timer ON LED will light and the digital display will change to timer display whilst adjustment is being carried out. Using timer key select number of hours until the control is to switch off. Display will revert back to room temperature 20 seconds after the last button depression. Unit will be placed into Standby mode after the set number of hours.

DIAGRAM OF HAN-L5B WITH FRONT DOOR OPEN

