

**13. Fan Speed ( heat pump systems only)**

In heat pump systems, the indoor fan may be off, or at low speed in heating mode, and changes to the selected speed when the indoor coil is warm, returning to low speed when not calling for heating.

**14. Off cycle delay**

To prevent operational problems, cooling restart is delayed for 3 minutes following power up, or from the time the unit was last cooling or heating, (if heat pump). Cooling or heating, (if heat pump) will operate for a minimum of 2 - 3 minutes.

**15. Displays**

| Cool<br>❄️<br>Green | Dry<br>💧<br>Red | Fan<br>🌀<br>Red | Heat<br>🔥<br>Amber | DIAGNOSTICS   |
|---------------------|-----------------|-----------------|--------------------|---|
| OFF                 | OFF             | OFF             | OFF                | No power, manual OFF, timed OFF, condensate high level, fault in condensate control |
| ON                  | OFF             | ON              | OFF                | Cooling mode selected   |
| ON                  | OFF             | ON              | <b>BLINKS</b>      | AUTO - predominantly cooling  |
| OFF                 | OFF             | ON              | <b>ON</b>          | Heating mode selected   |
| <b>BLINKS</b>       | OFF             | ON              | <b>ON</b>          | AUTO - predominantly heating  |
| OFF                 | OFF             | <b>ON</b>       | OFF                | Fan mode selected   |
| OFF                 | <b>ON</b>       | ON              | OFF                | Dry mode selected   |
| OFF                 | OFF             | OFF             | <b>BLINKS</b>      | Outdoor unit defrosting   |

**Diagnostics**

|               |               |                   |     |   |
|---------------|---------------|-------------------|-----|---|
| OFF           | OFF           | <b>BLINKS x 4</b> | OFF | Room sensor missing                         |
| OFF           | OFF           | <b>BLINKS x 4</b> | OFF | Indoor coil sensor missing                  |
| OFF           | <b>BLINKS</b> | <b>BLINKS x 4</b> | OFF | Heat pump only, outdoor coil sensor missing |
| <b>BLINKS</b> | OFF           | <b>BLINKS x 1</b> | OFF | Compressor overload                         |

**16. Heat Pump Only**

If the outdoor coil temperature reaches 68°C, the compressor and outdoor fan will stop until the coil cools to 50°C.

**17. Commands Refused**

- a. Attempts to set temperatures outside the display range are not transmitted.
- b. If heating commands are refused, the installer's programming is incorrect - call the engineer.

**18. Battery Replacement**

It is advisable to replace the batteries as soon as the display begins to fade. Correct transmission cannot be guaranteed if the battery is failing.

**19. Power Cuts**

The unit permanently memorises its settings.

**20. User Maintenance**

**Isolate the unit at the mains supply before commencing any maintenance work.**

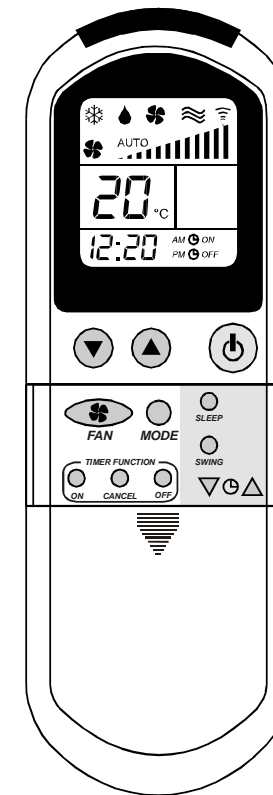
**The unit should always be used with a filter.** In order to maintain efficiency it is important that the filter behind the air intake grille is cleaned regularly:

- Remove the filter(s) from behind the air intake grille.
- Wash the filter (in tepid water only) and shake dry before use.
- Alternatively tap the filter gently to remove dust or vacuum clean.
- To clean the unit use soap or a non-scratch liquid cleaner.

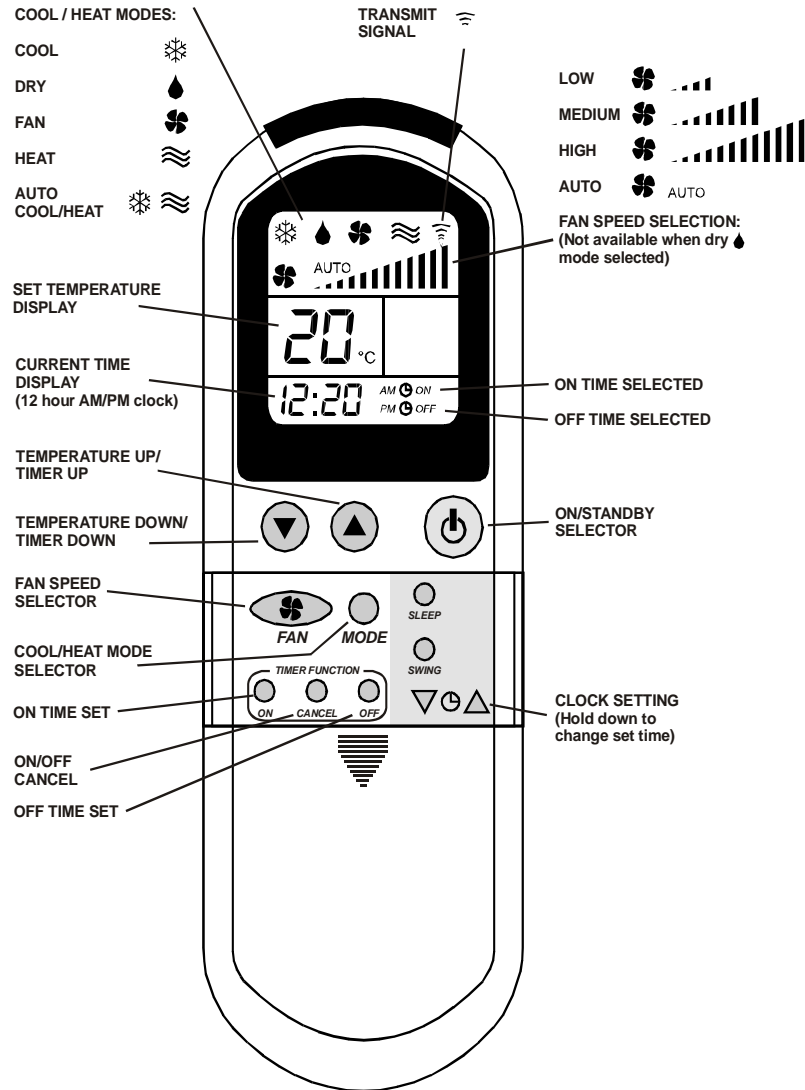


**INFRARED REMOTE CONTROL HANDSET  
INSTRUCTIONS for 'L' MODELS**

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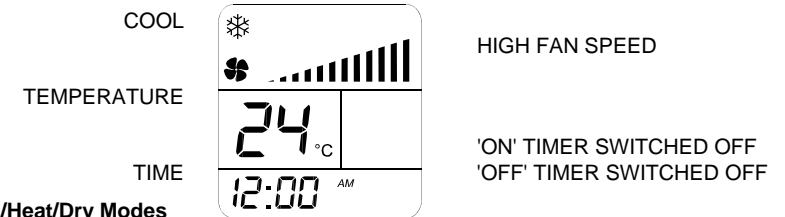
# Remote control handset - features



- The handset should be pointed towards the unit.
- Two seconds after the last button press, the whole displayed programme is automatically transmitted.
- The unit responds with 1 beep.
- The transmit symbol flashes whilst transmission is taking place.
- Displayed values may be re-sent at any time by pressing the pink button twice.

## 1. Remote Controller Power Up

Remove the battery cover and insert two "AAA" size 1.5V batteries. The initial display will show:



## 2. Setting Cool/Heat/Dry Modes

- COOL - Unit cools when required but cannot heat
- DRY - Unit removes moisture by cycling cooling at low speed, humidity is reduced, but room temperature is not changed.
- FAN ONLY - No cooling or heating - fan only
- HEAT - If heating is available, unit heats when required but cannot cool.
- AUTO COOL/HEAT - Unit cools or heats when required (if heating is available)

## 3. Setting the Fan Speeds

Repeated pressing of the 'fan speed selection' button selects low, medium, high and auto speeds. In 'auto' selection, the fan runs at high speed when there is a difference of more than 2°C between the room temperature and the set (required) temperature, and low speed when less than 2°C.

## 4. Setting the Temperature

Press the 'up' or 'down' 'set temperature' button to alter the display between 16°C and 30°C. By holding both buttons down, the display is changed between °C and °F.

## 5. Setting the Clock (Current time)

The 'up' and 'down' buttons must be held down for 3 seconds before they operate. Continue to hold the button down for rapid change.

## 6. Programming the Timer

The 24 hour timer can have one ON command or one OFF command or one ON/OFF cycle in a 24 hour period. Blank ON and OFF timer windows indicate that the timer is not programmed.

## 7. Setting the ON Time

Press the TIMER ON button and step to the required ON time using Hold the button down for repeated stepping. Press the TIMER ON button then the cancel button to cancel the ON time.

## 8. Setting the OFF Time

Press the TIMER OFF button and step to the required OFF time using Hold the button down for repeated stepping. Press the TIMER OFF button then the cancel button to cancel the OFF time.

## 9. Only ON Time Selected

Unit will turn ON at the selected time and stay ON.

## 10. Only OFF Time Selected

Unit will turn OFF at the selected time and stay OFF.

## 11. Use of the Pink ON/STANDBY button when time programmes are selected

At any time, pressing the Pink button will either start the unit or return it to standby mode. The unit will remain at this condition unless an appropriate ON or OFF time has been programmed.

## 12. Cold Start

In Cool or Heat mode, not Auto, after more than 3 days without power, or after 2 hours of non-operation, the set temperature is automatically raised (in heating mode) or lowered (in cooling mode) by 2°C until this temperature is reached or the unit has run for 20 minutes after which the unit operates with the displayed temperature. This decreases the time taken to reach set point.