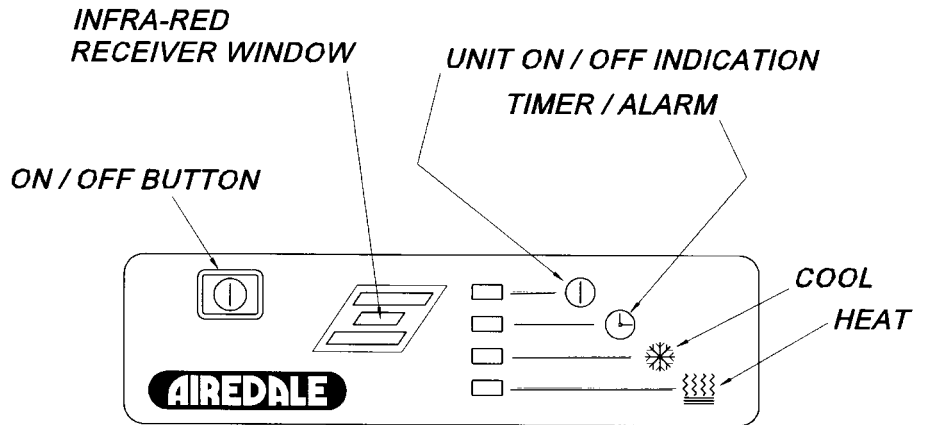


RECEIVER

The IR receiver is an extension of the control board and is located on the fascia of the unit, connected by means of a 7 pin plug and socket.

The green On/Off indicator will be either permanently illuminated when the unit is running or flashes if heating or cooling is called for but the compressor anti-cycle timer is delaying compressor operation.

Yellow indicators show the present unit status 'cool' or 'heat'.



Self Diagnostics

The microprocessor controller has an in-built diagnostics feature so that in the event of an alarm arising, the nature of the fault can be determined. The red timer/alarm LED flashes on the fascia in a pre-determined frequency depending on the fault.

These are identified below:

- 1 Alarm LED flashes once every second - indoor coil sensor failure, low coil temperature or condensate high level trip.
- 2 Alarm LED flashes once every 5 seconds - return air sensor failure.
- 3 Alarm LED flashes once every 10 seconds (heat pump only) - outdoor coil sensor failure or high pressure trip.


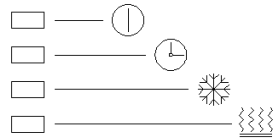
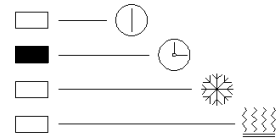
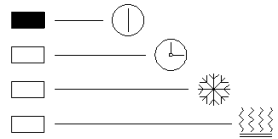
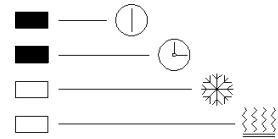
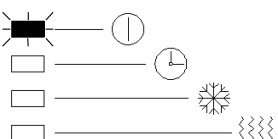
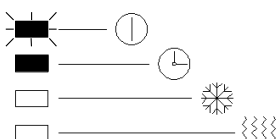
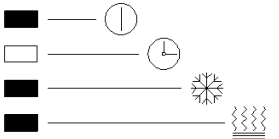
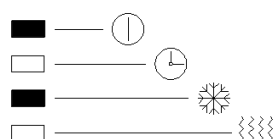
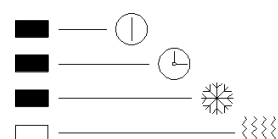
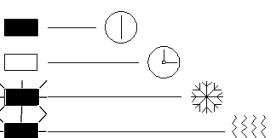
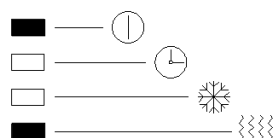
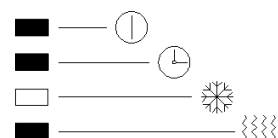
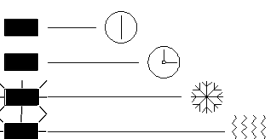
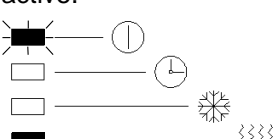
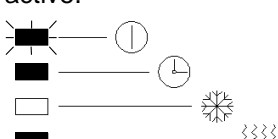
When the microprocessor controller is configured for Slave operation both cool and heat indicators will be permanently illuminated when the Master unit is controlling the slave units.

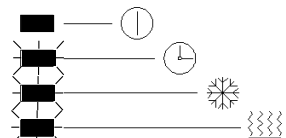
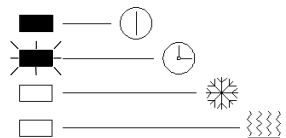
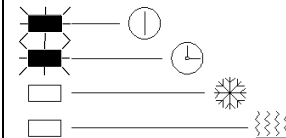
Procedure for clearing memory and checking battery

Turn off mains power to board
Carefully remove battery and check for 3 volts dc (replace if less)
Turn on main power to board (without battery fitted)
Wait 5 minutes
Turn off mains power to board
Carefully replace battery
Turn on main power to board

Infra-Red (IR) Controller

RECEIVER INDICATION REFERENCE GUIDE

<p> <input type="checkbox"/> Indicator Off <input checked="" type="checkbox"/> Indicator On  Indicator Flashing </p>	<p>Unit Off, timer operation off, indoor fan off, cooling and heating off.</p> 	<p>Unit Off, timer operation on, indoor fan off, cooling and heating off.</p> 
	<p>Unit On, timer operation off, indoor fan on, cooling and heating off.</p> 	<p>Unit On, timer operation on, indoor fan on, cooling and heating off.</p> 
	<p>Unit On, timer operation off, indoor fan on, cooling and heating off, anticycle protection delay active.</p> 	<p>Unit On, timer operation on, indoor fan on, cooling and heating off, anticycle protection delay active.</p> 
<p>Unit On, indoor fan on, slave controlled by master unit.</p> 	<p>Unit On, timer operation off, indoor fan on, cooling on, heating off.</p> 	<p>Unit On, timer operation on, indoor fan on, cooling on, heating off.</p> 
<p>Unit On, timer operation off, indoor fan on, check battery backup.</p> 	<p>Unit On, timer operation off, indoor fan on, cooling off, heating on.</p> 	<p>Unit On, timer operation on, indoor fan on, cooling off, heating on.</p> 
<p>Unit On, timer operation on, indoor fan on, check battery backup.</p> 	<p>Unit On, timer operation off, indoor fan on, cooling off, heating on, anticycle protection delay active.</p> 	<p>Unit On, timer operation on, indoor fan on, cooling off, heating on, anticycle protection delay active.</p> 

<p>Unit On, alarm present, indoor fan on, check battery backup.</p>  <p>The diagram shows four LEDs in a vertical column. The top LED is a solid black square. The second LED is a square with diagonal lines. The third LED is a square with diagonal lines. The fourth LED is a solid black square. To the right of the LEDs are four horizontal lines. The first line has a circle with a vertical line through it. The second line has a circle with a vertical line through it. The third line has a snowflake icon. The fourth line has a wavy line icon representing heat.</p>	<p>Unit On, alarm present, indoor fan on, cooling off, heating off.</p>  <p>The diagram shows four LEDs in a vertical column. The top LED is a solid black square. The second LED is a square with diagonal lines. The third LED is a square with diagonal lines. The fourth LED is an empty square. To the right of the LEDs are four horizontal lines. The first line has a circle with a vertical line through it. The second line has a circle with a vertical line through it. The third line has a snowflake icon. The fourth line has a wavy line icon representing heat.</p>	<p>Unit On, alarm present, indoor fan on, cooling off, heating off, anticycle protection delay active.</p>  <p>The diagram shows four LEDs in a vertical column. The top LED is a square with diagonal lines. The second LED is a square with diagonal lines. The third LED is a square with diagonal lines. The fourth LED is an empty square. To the right of the LEDs are four horizontal lines. The first line has a circle with a vertical line through it. The second line has a circle with a vertical line through it. The third line has a snowflake icon. The fourth line has a wavy line icon representing heat.</p>
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Infra-Red (IR) Controller - Remote

Drawing for reference only

