Split & VRF air conditioning controls

WiREMS-WRC™

Wireless Room Energy Management System

Climateq

Established in 2010, Climateq specialises in retrofit energy saving HVAC controls. Our range of solutions are designed for split air conditioners, VRF & chiller systems delivering comfort and processing cooling ensuring significant carbon savings from day one with a typical return on investment in under 3 years

Contact us today for a review of your HVAC and find out how much Climateq can reduce your energy consumption and carbon emissions by

INNOVATIVE CONTROL SOLUTION

Designed to reduce air conditioning and lighting costs on an occupancy basis - compatible with all major air conditioning manufacturers

The WiREMS-WRC is a PIR based control designed to reduce energy usage and carbon emissions by turning split air conditioners off once occupants have left the room. Further energy savings can be achieved by limiting the adjustable temperature. The system can be expanded with the addition of window and door sensors which turn the AC off if either have been left open, or by installing the wireless relay module which will turn off an additional power source at the same time as the air con once the room is vacated. Both the sensors and relay module communicate using radio signals and do not require hardwiring back to the control. The WiREMS is a versatile and clever control offering a typical return on investment in less than 3 years

The WiREMS-WRC™ energy-saving features include

- Suitable for wall controlled or remote controlled air conditioners
- Wireless control of an additional power source on a room occupancy basis (additional relay module required)
- Mains or battery operation (up to 2 year battery life)
- Automatic restart of air conditioner on detection of movement
- Temperature settings to prevent excessive heating/cooling of rooms
- Can be wall or ceiling mounted
- Setback temperature setting to maintain an energy saving comfort level in unoccupied rooms
- Radio signal communication with separate Relay Module and all sensors – up to 10 meter transmitting range
- Up to 127 different room codes and additional floor codes to prevent signal crossover
- Programmable time delay from 15 to 60 minutes

RELAY MODULE

- Designed to switch off an additional power source, including lighting and electric heaters
- Mains or battery operation (up to 2 years battery life)
- Low battery signalling alarm to the WiREMS-WRC™
- Radio signal communication from the WiREMS-WRC™
- Power sources will be turned off 15 minutes after occupants depart (adjustable)
- Easy to install with minimal wiring

WINDOWS & DOOR SENSORS

- No wiring required
- Turns the air conditioner off if a window or door has been left open
- Door sensor prevents air conditioners from turning off if occupants are static for long periods e.g. hotel bedrooms, meeting rooms etc
- Radio signal communication with the WiREMS-WRC™
- Battery operated (up to 2 year battery life)

For more information on how the WiREMS-WRC™ can significantly reduce your energy usage contact:

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