

## A3920 Wireless Fan Coil Thermostat

### General

The A3920 series thermostat is a wireless thermostat to control 2-pipe or 4-pipe fan coil unit and controller that can be placed anywhere at your home, office.

The A3920 thermostat pack consists of a room thermostat and a relay box. No wiring to the room unit is required. The installer only needs to wire the relay box to the controlled device (e.g. fan coil unit) and mount the room unit in a suitable location where RF communication is reliable. The A3920 thermostat uses reliable RF communication technology in the 433MHz band.

The A3920 extra large LCD display, symbol display. The unit is ideal for consumers who want reliable and precise temperature control from a modern looking, simple to program and easy-to-use product.



A3920 Thermostat



A3920 Controller

### Features

- Transmits up to 30 meters through walls and floors
- Communicates at 433 MHz for interference free operation
- Works with 2-pipe or 4-pipe fan coil units
- Programmable up to 4 periods daily, which can be customized for each day of the week
- Programming is retained in memory even if the battery is off power
- LCD Backlighting to illuminate the display for easier viewing in low light condition
- Backlit display for easy nighttime viewing (automatically turns off after 6 seconds of non-use)
- Displays either Fahrenheit or Centigrade
- Battery life is approximately 6months with normal use and rechargeable by USB cable
- Thermostat can be installed without disrupting your room structure
- OFF status has an integral frost protection setting at minimum 5°C (installer adjustable) so that pipes in the house will never freeze in winter
- Low battery indicator

## A3920 Wireless Fan Coil Thermostat

### Thermostat Technical Data

Temperature Range	5 °C ~ 35°C
Switching Differential	Approx 1°C
Power Supply	Rechargeable Li-Battery by USB
Sensing Element	NTC 10K
Operating Temperature	0°C ~ 45°C
Storage Temperature	-20 °C ~ 55°C
Operating Humidity	5~90%
Dimension	135 × 95 × 15.5mm (W × H × D)

### Controller Technical Data

Power Supply	230Vac 10%,50/60HZ
Switch Type	SPST
Output Rating	20-230Vac.0.8A in run,5A in rush
Wire Access	From the rear(Wall box mounting),right and bottom
Storage Temperature	-20 °C ~ 55°C
Operating Humidity	5~90%
Dimension	116 × 98 × 45mm(W × H × D)

### RF

RF operation band	ISM(433)MHZ,1%duty cycle
RF communication range	30 meters in a residential building environment
RF communication technology	Short, high rate transmission to minimize air time and avoid collisions
Blocking immunity	Receiver class 2
RF binding method	Factory pre-bound with the room unit