

SPECIFICATIONS

Electronic Temperature Controller for Fan Coil Unit

The thermostat for fan coil unit shall be electronic type with integrated ON/OFF, 3 FAN SPEED and HEAT/FAN/COOL switches. The thermostat shall operate on 230 V mains voltage and shall be suitable for operating 2 position motorized 3/2 way mixing/diverting valve. The thermostat shall have a precalibrated NTC thermistor and shall be suitable for operation in the range of 15⁰-35⁰ C with a switching differential of 1⁰ C.

All thermostat shall be fitted on standard mounting plate as recommended by the manufacturer.

Electronic Temperature Controller for fan Coil Units with temperature reset facility

The temperature controller for Fan Coil Unit will be electronic type with integrated ON/OFF and 3 FAN SPEED switches. It will be suitable for operating 2 position, 3/2 way valve. The controller will have a precalibrated NTC thermistor sensor and will be suitable for operation in the range of 15⁰-35⁰ C with a switching differential of 1⁰C.

The controller will have provision to accept centralized signals for

- Heat/Cool changeover
- Temperature set point reset.

Occupied Mode:-

The thermostat works on set point.

Unoccupied Mode:-

The thermostat sets the temperature up by 3⁰ C from set point in cooling operation. It sets the temperature down by 3⁰ C from set point in heating operation.

Electronic Modulating Temperature Controller

An electronic temperature controller with 3 point output, working on 24V AC, shall be used to modulate the 2 position reversible motor of 2/3 way mixing/diverting valves of AHU. The sensing element of electronic temperature controller shall be a precalibrated NTC thermistor sensor mounted either within the controller or in the return air duct. The range of the electronic temperature controller shall be 15⁰-35⁰ C with a differential of 1⁰C.