

FMHC220-VFS-FC-MDB-01

Flush-Mount, 230VAC Thermostat for Fan Coil applications with EC-Motor fan.

The FMHC220-VFS-FC-MDB-01 allows users the flexibility of having one main controller for most Fan Coil applications with EC motor fan.

It can be flush-mounted or installed directly into the Fan Coil, with an external sensor for the return air.

The FMHC220-VFS-FC-MDB-01 also offers a special input for 1 of 4 options:

- 1- Auto-change over sensor, where the incoming water temperature dictates the Mode.
- 2- Contact input for a remote switch, which changes the Mode of one or many thermostats linked together.
- 3- Contact input for a remote switch, which activates Economy mode.
- 4- Contact input to Turn OFF units.

Features

- Flush-Mount, 230VAC Thermostat
- Can be connected to:
 - * 4 pipe system – 2 valves
 - * 2 pipe system – 1 valve
 - * Fan Coil – no valve
- Configurable 0-10VDC ECM proportional band
- DIP switch control options:
 - * Manual Cool/Heat or Auto-Change
 - * Display of set-point temperatures only
 - * Fan/Auto Fan or all time Auto Fan – selectable
 - * Internal / External sensor
- Lock buttons
- Set point limits
- Unit 'On' 'Off' Timer'
- Pump Output
- Special Input for:
 - * Auto-change over sensor - mode is set based on temperature of the incoming water flow, ideal for 2-pipe systems.
 - * Contact input for a remote switch, which sets the mode of one or more thermostats linked together (available only for 2-pipe systems).
 - * Contact input to activate Economy Mode - unit reverts to pre-determined economy set points
 - * Contact input to turn the unit Off
- Energy saving – cost efficient, environmental friendly thermostat
- Available in different colors

Wiring diagram

* Optional model without Modbus communication

