



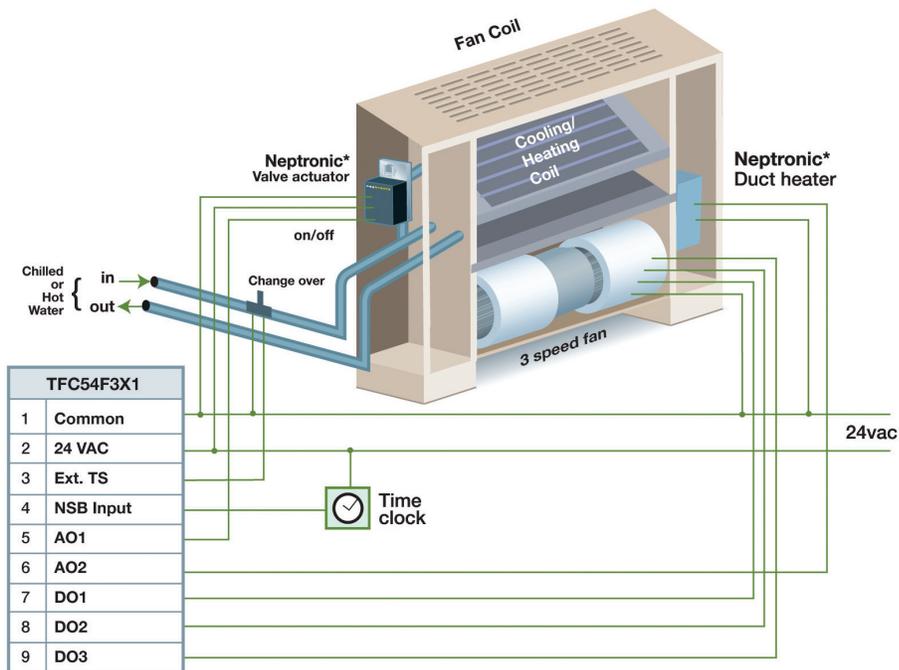
## TFC54 Series Fan Coil Room Controller

The TFC54 Series fan coil room controller is designed for general HVAC applications, but more specifically for fan coil control. This modern controller can connect to:

- One, two or three fan speeds
- Damper actuator or actuated valve (modulating or on/off and pulse)
- Electric duct heater or baseboard (modulating or on/off and pulse)

The TFC54 Series is a low voltage (24 Vac), fully configurable electronic controller. It complements the Neptronic® family of products which includes electronic actuators and actuated valves, electric duct heaters and other controls.

### Typical Application



\* Consult our website for more details on these products



## Applications

- 2 pipe or 4 pipe fan coil systems

## Models

- TFC54F3X1: 2 Analog heat/cool outputs (0-10 Vdc)
- TFC54F3Y1: 2 TRIAC heat/cool outputs (On/Off, or Pulse)

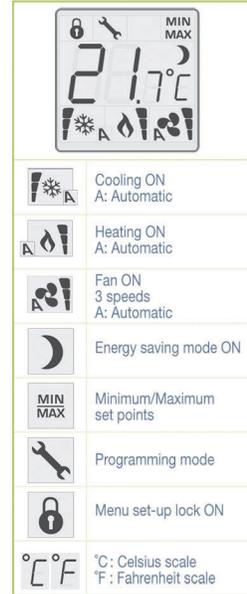
## Features

- Main supply 24Vac
- 2 analog or TRIAC outputs (see models above)
- 3 Digital outputs (dry contacts)
- Manual Night Set Back (NSB) override
- NSB for cooling and heating fully adjustable
- Multi-level lockable access menu
- Lockable set point
- Lockable function (cool and heat, cool only, heat only, auto)
- Fahrenheit or Celsius
- Changeover by contact or external temperature sensor available
- Selectable internal or external temperature sensor
- Offset for temperature reading adjustment
- Selectable control band and dead band

## Specifications

Temperature Range	10°C - 35°C / 50°F - 95°F
NSB Temperature Range	Cooling 10°C - 35°C / 50°F - 95°F Heating 10°C - 35°C / 50°F - 95°F
Weight	80 g / 0.18 Lbs
Scale	°C / °F
Color	White
Accuracy	±0.5°C/ ±0.9°F
Flammability	UL94V-0
Ext. Temperature Input	Thermistor 10K @ 25°C / 77°F (type G)
Output	2 Analog outputs (cooling/heating, 0-10vdc) or 2 TRIAC outputs (cooling/heating, on/off or pulse) 3 Digital fan outputs (dry contact)

## Display



## Dimensions

