



TFC24 & TFH24 Series

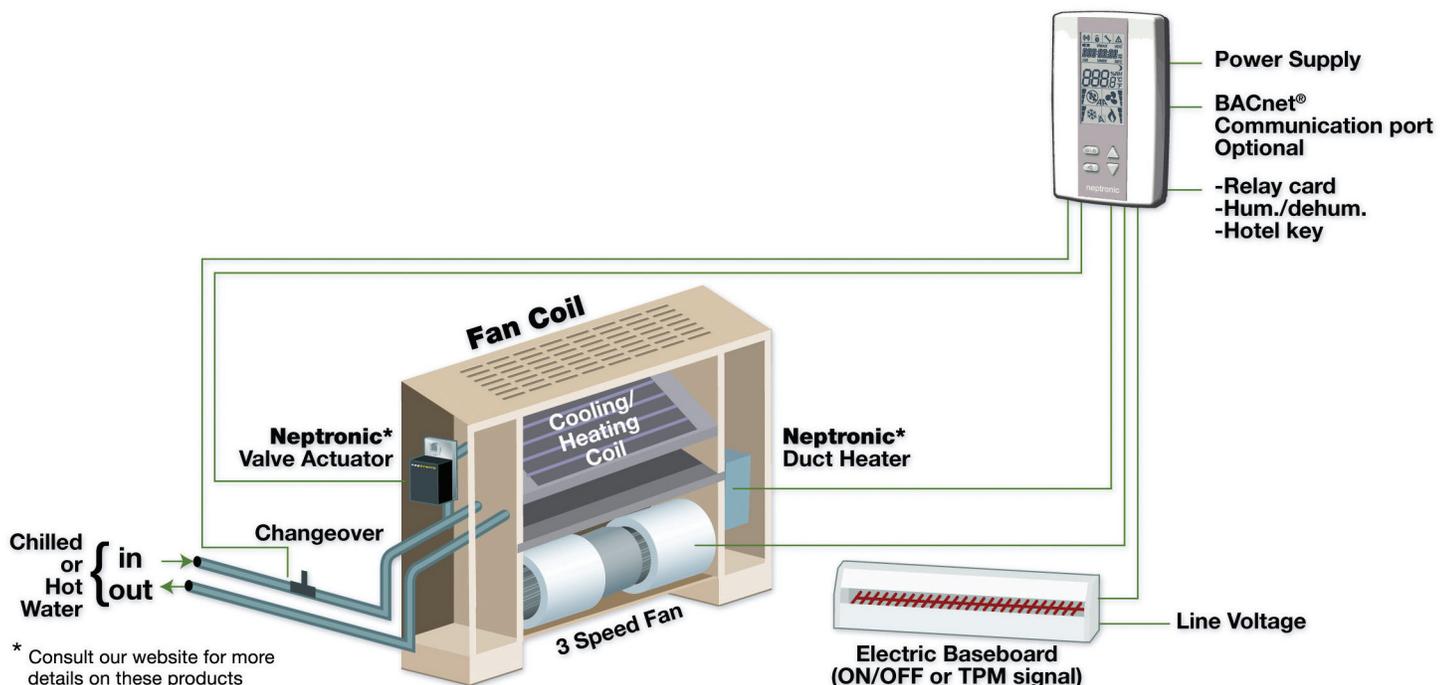
The TFC24 (fan coil controller) & TFH24 (fan coil & humidity) series have been designed for general HVAC applications but more specifically for fan coil control. This modern thermostat can connect to:

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

This version is a fully programmable 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

- Heating, cooling and reheat
- 2 pipes or 4 pipes
- Auxiliary heating sources, such as electric baseboards, can also be applied

Models

- TFC24F3XYZ1: Fan Coil Controller
- TFC24F3XYZ3: Fan Coil Controller with Scheduler
- TFCB24F3XYZ1: Fan Coil Controller with BACnet
- TFH24F3XYZ1: Fan Coil Controller with Humidity
- TFHB24F3XYZ1: Fan Coil Controller with BACnet and Humidity
- Consult www.neptronic.com for additional models available

Features

- Backlit LCD with simple icon and text driven menus
- Configurable inputs and outputs
 - Up to 4 outputs (0-10Vdc, floating, on/off, or pulsed)
 - Up to 3 digital outputs (3-speed fan control)
 - Up to 3 inputs
- Precise temperature control with programmable PI function
- Selectable Fahrenheit or Celsius scale
- Manual night set back override
- Multi level lockable access menu and set point
- Selectable internal or external temperature sensor
- Changeover by contact or external temperature sensor
- Anti-freeze protection
- 7-day schedule (TFC24T4XYZ3)
- External humidity sensor and dehumidification sequence (TFH24F3XYZ1 or TFHB24F3XYZ1)
- BACnet® communication (TFCB24F3XYZ1 or TFHB24F3XYZ1)
 - BACnet® MS/TP @ 9.6k, 19.2k, 38.4k, 76.8k bps
 - Selectable MAC address
 - Automatic or manual device instance assignment
 - Automatic baud rate detection
 - Copy and broadcast configuration to other networked modules of the same model
 - Over 100 BACnet Objects available for status, operation, and configuration