



TRO24 Series

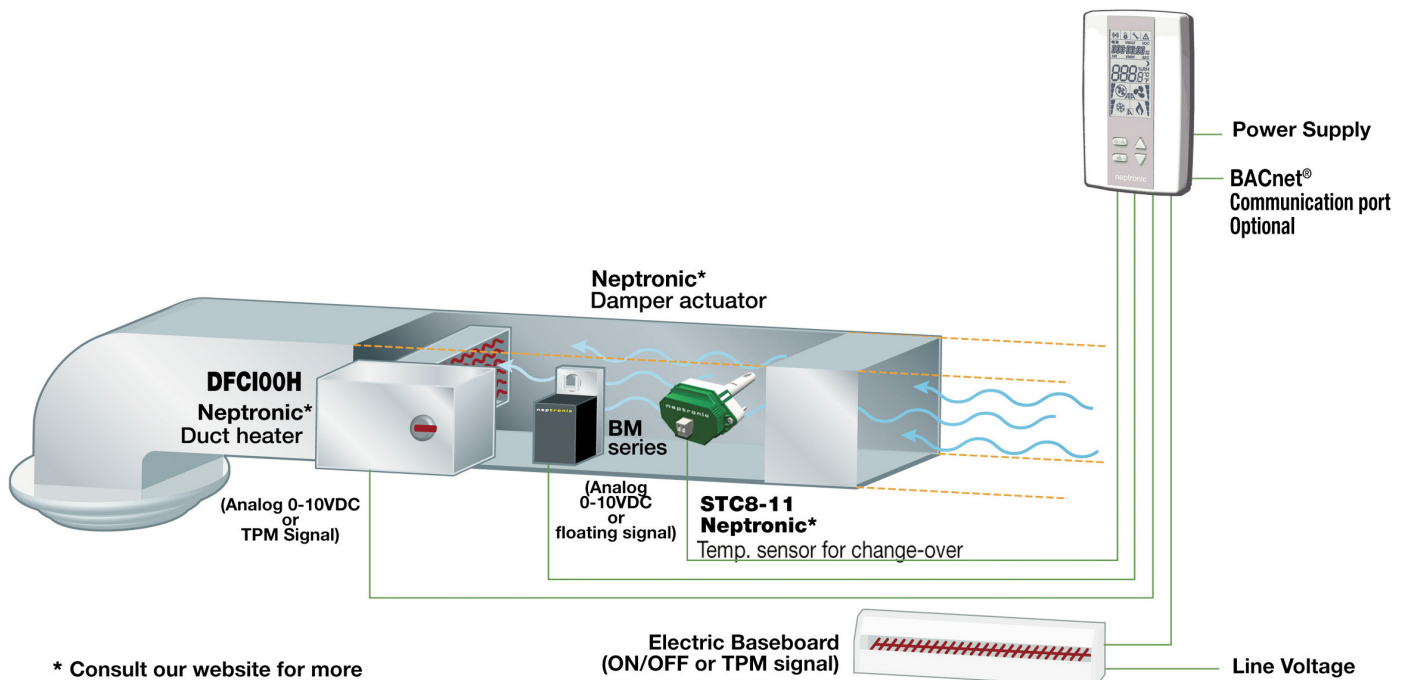
The TRO series wall controller has been designed for general HVAC applications such as variable air volume (VAV) systems. This modern controller can connect up to 6 outputs at one time:

- Damper actuator or actuated valve (modulating or floating)
- Electric duct heater (modulating, on/off or pulsed)
- On/off or pulsed baseboards.
- SSRs or SCRs

This version is a fully programmable 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

- Single duct, cooling only
- Single duct cooling, 1-2 stage digital reheat
- Single duct cooling &/or heating, 0-10 Vdc reheat
- Single duct cooling &/or heating, one stage time proportioned (TPM) reheat
- Pressure dependent or pressure independent
- With or without auto changeover

Models

- TRO24T4XYZ1: Wall Controller
- TRO24T4XYZ3: Wall Controller with Scheduler
- TROB24T4XYZ1: Wall Controller with BACnet

Features

- Backlit LCD with simple icon and text driven menus
- Configurable inputs and outputs
 - 2 analog outputs (0-10Vdc cool/heat)
 - 4 TRIAC outputs (on/off, pulse, or floating)
 - 4 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 (10 K Ω)
- Changeover by contact or external temperature sensor
- Pressure sensor input with air flow program
- Selectable proportional control band and dead band
- Anti-freeze protection
- 7-day schedule (with model TRO24T4XYZ3)
- BACnet® communication (with model TROB24T4XYZ1)
 - 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 TROB24T4XYZ1 modules
 - Over 100 BACnet Objects available for status, operation, and configuration