



P R O L I P H I X

Internet HVAC Control

NT150

PROFESSIONAL SERIES THERMOSTAT

NT150

Single or Dual Stage Heat/Cool Control with:

- Humidity Sensing and Control
- Support for 2 Remote Indoor or Outdoor Thermal Sensors
- Integral Web Server Technology—No Additional Software



Product Highlights

- Web Browser Configuration
- E-mail Status and Fault Reporting
- Secure Internet Monitoring and Control
- Reliable TCP/IP Communications
- Wired Ethernet
- UL & ENERGY STAR Rated

Professional Series Network Thermostats Proliphix Network Thermostats take full advantage of ubiquitous Ethernet networks and the Internet to utilize the converged in-home or business network for HVAC control. The Proliphix Network Thermostat product line is compatible with typical HVAC systems and offers all the features expected by home system integrators and commercial installers. Internet connectivity and the thermostat's browser interface offer unprecedented ease of configuration, monitoring and management capabilities at a fraction of the cost of current programmable communicating thermostats.

Secure, Remote Monitoring and Management Proliphix Network Thermostats feature standard Internet browser-based configuration and control over a secure Ethernet connection. Remote management and monitoring are available over secure and authorized broadband connections to the Internet. Proliphix Network Thermostats can deliver e-mail status and alerts¹ to any personal computer or mobile text messaging device. A service provider or monitoring service can monitor, diagnose and control HVAC systems from a remote central location. This allows the provider to offer unprecedented energy management and service to its customers, and creates new service revenue opportunities.

NT150 In addition to including all the features of our NT120 thermostat, the NT150 was developed specifically to sense and control relative humidity in a single HVAC zone. Pre-defined relative humidity limits may trigger dehumidification by forcing on the A/C system or by triggering a relay to actuate an external dehumidifier. The thermostat relay may also be configured to force humidification with external equipment. Activating the thermostat relay during either humidification or dehumidification will also force fan activation. E-mail or text message alarm notifications may also be sent if relative humidity exceeds a pre-defined threshold or falls below a pre-set lower limit.¹

Note 1: With FREE subscription to Proliphix Remote Management Service.

Features

Compatible with most HVAC Systems

- Fossil Fuel – 1h/1c to 2h/2c
- Heat Pumps – 1h/1c
- Heat Pumps w/Aux Heat – 2h/1c

Single/Dual Stage Heat & A/C Support

Fahrenheit/Celsius Support

Modes: Heat, Cool, Auto Changeover, Off

Fan Control: Man, Auto, and Scheduled

Keypad Lockout w/Override Limits

HVAC Control

- Heat/Cool Cycle Limits/hr
- Configurable Setpoint Deadband
- Fan Control on Heat
- Hold Mode Adjustable Timeout

Flexible Temperature Scheduling

- 366 Day Programming
- 4 Temperature Periods per Day
- Special Day Schedules

E-mail or Text Message Reporting¹

- High and Low Temperature Alarm
- Filter Change Reminder

Network Settings

- Secure Password Authentication
- Static/DHCP Addressing
- Class A, B, C Addressing
- Network Access Filters
- Syslog Messaging

Multiple Power Options

- HVAC Power
- Power over Ethernet (802.3af)
- Proliphix Network Power

Daylight Savings Support

Failsafe Low Temperature Switch

Clear, Backlit Graphic LCD

ENERGY STAR Compliant

Benefits

Enhanced Cost Savings

- Remote Monitoring & Control
- Remote Diagnostics
- Remote Alarm Notification

Energy Management

- Demand Response Programs
- Multi-Site HVAC Management

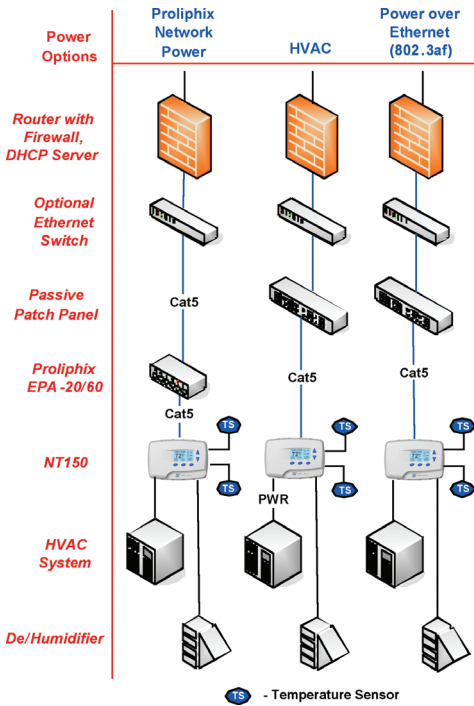


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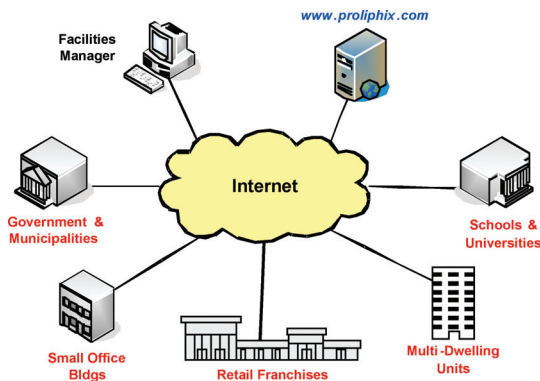
Typical Network Installation

The Proliphix NT150 Network Thermostat is easily installed in a wired LAN environment by terminating conventional Cat5, Cat5e or Cat6 cable to the thermostat terminal block.



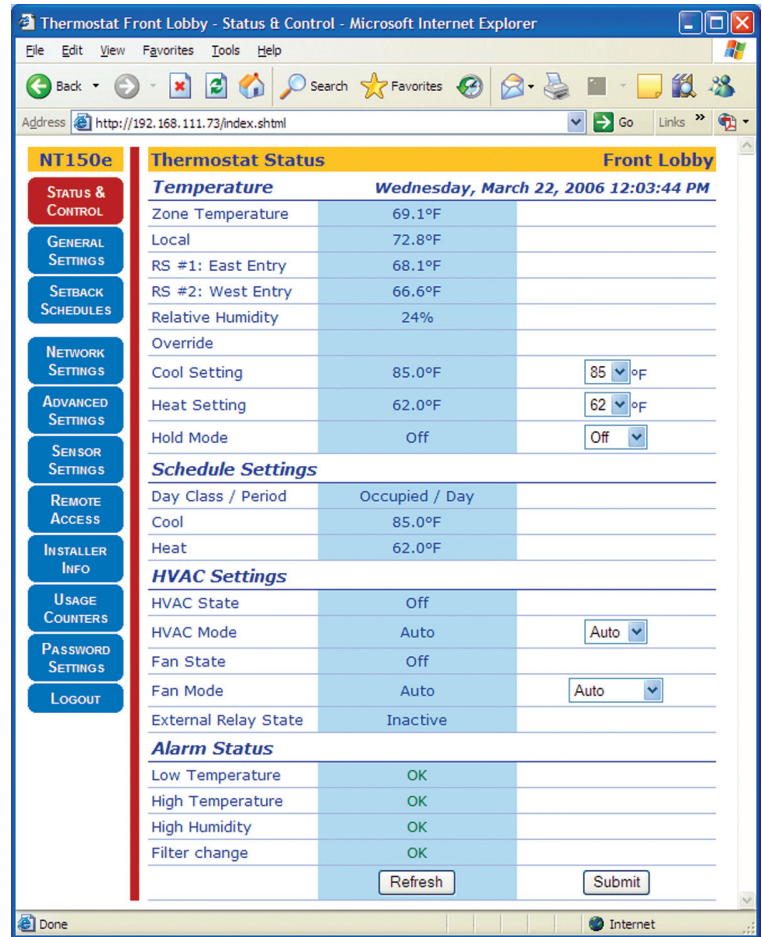
Remote Management

A facility manager can readily connect to any thermostat at any site by first authenticating at the Proliphix website to ensure security.



Thermostat Management Interface (TMI)

The default status page is organized to clearly display the most important current status and settings of the NT150 thermostat.



Power Options	NT150h	NT150e
HVAC System Power	X	
Power over Ethernet – 802.3af		X
Proliphix Network Power – EPA		X

Specifications
Operating Temperature: -10°C to +40°C
Dimensions: 5.5" x 3.5" x 1.5"
Shipping Dimensions: 7.5" x 5.5" x 2.25"
Weight: .75 lb
Agency Approvals: FCC, UL, ENERGY STAR
Warranty: 1 Year Limited Warranty

