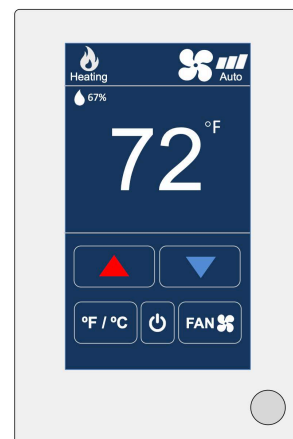


Product Specifications

ULTRAMAX® Model General Description

NT24GZ Smart Setback Thermostat with Universal Fit

ULTRAMAX Networkable Smart Setback Touch-Screen Thermostat with heat/cool changeover, 24V AC/DC, multi-speed fan control and passive infrared motion sensor. Includes many field programmable options during occupied and unoccupied conditions such as: maximum and minimum heating and cooling limits, auto fan reset, heating setback, cooling setback, refresh fan, housekeeper setback. Configurable for Fancoil, Standard Heat/Cool, Heat Pump and Split Systems.



Input Voltage 18-30 V AC/DC.

Temperature Range Selectable Range: 60°F to 90°F (15°C to 32°C).

Temperature Limits Default Hidden Cooling Limit: 66°F (18°C). Adjustable.
Default Hidden Heating Limit: 82°F (29°C). Adjustable.

Accuracy +/- 1°F (.5°C).

Load Ratings 1 amp per circuit; 2 amps maximum total load.

Dimensions Approximately 3.25" w x 5" l x 1" d.

Case Material High density textured UL flame retardant plastic. Available in Black & White.

LCD Display 4.3" LCD TFT Display 480 x 272 with Resistive Touch Panel, RGB.

Mounting Single gang Vertical Junction Boxes, or Dual gang box with extra mounting Plate.

System Wires' connect to screw terminal mounted on the bracket.

A/C, Heat Pump Control 4°F Deadband between heat and cool. Pilot Duty Circuits: One compressor circuit, one back-up electric heat circuit.

Reversing Valve: Installation selectable Energize on Heat (B terminal) or Energize on Cool (O terminal) circuit.

Fan Control Single or Dual Fan speeds (For Fancoil, A/C, Heat pump and Split Systems), 3rd Speed available for Fancoil Systems.

Temperature Selection Touch button, red ▲ and blue ▼, for easy temperature selection in 1°F or .5°C increments.

Power Button Touch to Cycle ON/OFF. Default set temperature upon start-up is 72°F (22°C). Adjustable.

°F/°C Button Touch the °F/°C button to switch between °F / °C display, Default unit is °F (Adjustable).

Fan Button Touch the FAN ⚙️ Button to open Fan speed Selection Menu, Select the desired FAN speed and press OK to Save.

AUTO FAN: The optimal fan speed (high, low or off) is automatically selected by the thermostat. This is the default mode. The Manual FAN speed selection is based on The System Configuration from the Configuration Menu.

Heat/Cool Modes Automatically switches between heating and cooling when Auto Changeover mode is Selected. Heat Only/Cool Only and Manual Changeover modes are also configurable.

Surge Protection This device has been designed to handle normal brown-out or surge situations.

Field Test Mode For qualified Maintenance Personnel, Field Test Mode is available to troubleshoot the subject HVAC System

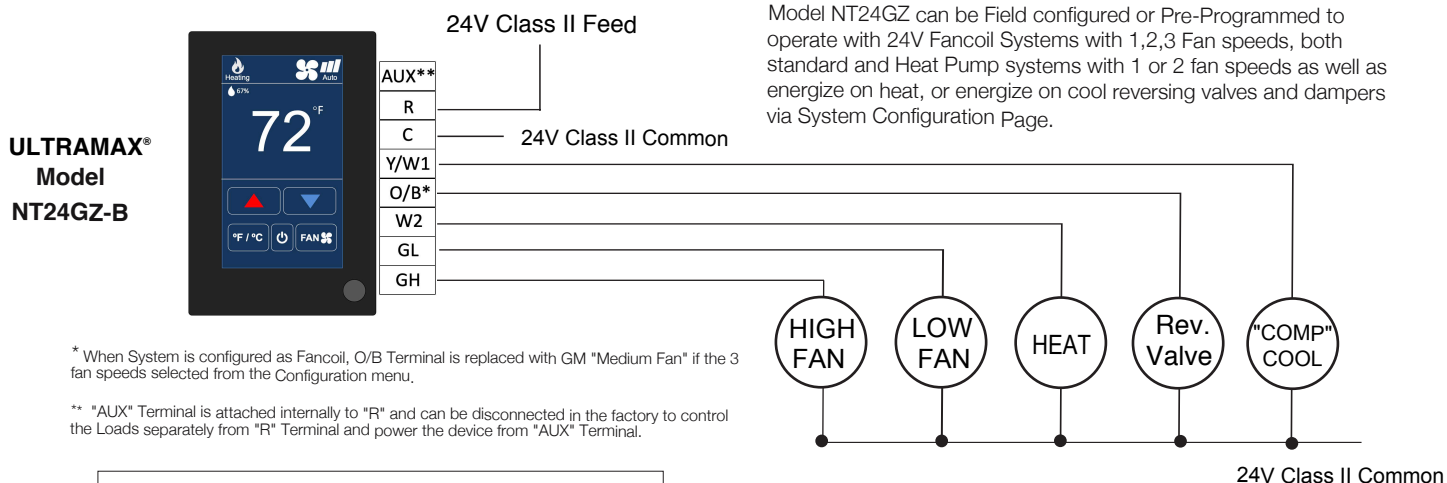
Programming Modes For qualified engineers to customize features according to their HVAC system and to the property's energy conservation requirements. Refer to separate Programming documentation.

Connectivity Mesh Network Capability with WIFI Gateway and accessible through HotelTech EMS Web Portal.

Optional Add-Ons 1) Optional Humidity Sensing. 2) Available both with and without PIR. 3) Standard Version without Network option.
4) 2 Digital AC/DC inputs for wired Pipe,door & window Sensors. 5) Conformal Coating for moisture Protection.

Specifications Specifications subject to change.

Sample Ultramax® Wiring Detail



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