**SECTION 27 41 16**

**INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT**

**GUIDE SPECIFICATION**

*Specifier: The Specifier/Design Professional is responsible for the accuracy of all project specifications, including system application and coordination with related sections. This guide specification is provided as a convenience and requires editing to match actual project requirements. CRESTRON ELECTRONICS, INC. SHALL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF THE USE OF ANY OF ITS GUIDE SPECIFICATIONS. For Crestron design assistance and design review please contact Sales Support Services Department at 800.237.2041 or techsales@crestron.com.*

*Specifier: Please see PART 4 for a listing of products specified in this Guide Specification.*

**Table of Contents**

**1 GENERAL 3**

**2 PRODUCTS 3**

2.1 Network Thermostat 3

2.1.1 Basis of Design Thermostat: 3

2.1.2 The Thermostat shall provide: 3

**3 EXECUTION 4**

**4 APPENDICES 4**

4.1 SPECIFIED PRODUCTS 4

4.1.1 Crestron HZ-THSTAT 4

# **GENERAL**

*NOT USED in this Guide Specification. Specifier shall Specify PART 1 administrative and procedural requirements as needed.*

# **PRODUCTS**

## **Network Thermostat**

### Basis of Design Thermostat:

#### Crestron HZ-THSTAT

*Specifiers Note:*

*https://www.crestron.com/Products/Lighting-Environment/Climate-Control/Thermostats/HZ-THSTAT-W*

*The Crestron® HZ-THSTAT is a versatile, wall-mounted heating and cooling thermostat with integrated humidistat capable of controlling two stage heat/cool systems, two stage heat pump systems with two auxiliary heat stages, floor warming systems, and humidity systems. A WiFi® thermostat, the HZ-THSTAT delivers enhanced functionality when combined with a complete Crestron automation system.*

### The Thermostat shall provide:

#### Control of heating and cooling systems:

##### Compatible with conventional 2H/2C systems, heat pump 4H/2C systems with auxiliary heat systems, and systems with radiant flooring and humidity control

#### User interface for device control

##### 3.5 in. touchscreen LCD display with RGB backlit capacitive buttons

##### Integrated proximity and ambient light sensors

#### Control system integration and control

##### Communicates via a Wi-Fi network

##### Hidden USB port can be used to power and preconfigure the thermostat

##### Remote and batch configuration capabilities

#### HVAC Unit Integration

##### Supports retrofit applications with no common wire using optional accessory.

#### Sensors

##### Utilizes built-in temperature and humidity sensors

##### Connection and integration of remote sensors

###### Reports the current outdoor temperature and weather conditions and one week forecast.

###### Supports up to four remote temperature sensors and up to two remote temperature/humidity sensors

#### Mounting

##### Mounts to a standard US-style, 1-gang new or old work electrical box, low voltage mounting bracket, or directly to the wall

# **EXECUTION**

*NOT USED in this Guide Specification. Specifier shall Specify PART 3 On-Site work as needed.*

# **APPENDICES**

## **SPECIFIED PRODUCTS**

### Crestron HZ-THSTAT