

Remote Temperature and Humidity Sensor

- > Wall-mounted remote temperature and humidity sensor
- > Designed for use with select Crestron® thermostats
- > Remote sensor may be mounted up to 500 ft (152 m) from the thermostat

The CHV-RTHS is a wall-mounted remote temperature and relative humidity sensor designed for use with select Crestron® thermostats. Using CAT5 or similar low-capacitance wire, the remote sensor may be mounted up to 500 feet (152 meters) from the thermostat. One-piece mounting and a single non-polarized twisted-pair connection make the CHV-RTHS simple to install. The 1-1/2 inch diameter face protrudes just 1/8 inch from the wall surface and is easily painted or wallpapered to blend into the wall surface. Up to two CHV-RTHS sensors may be connected to a single [CHV-THSTAT](#) or [CHV-TSTAT](#).

SPECIFICATIONS

Measurement Range

Indoor Temperature: 0° to 110°F (-18° to 43°C)

Outdoor Temperature: -30° to 120°F (-35° to 49°C)

Humidity: 0% to 100% RH

Temperature Tolerance

Over Full Range: $\pm 1^\circ\text{F}$ ($\pm 0.5^\circ\text{C}$)

At Room Temperatures: $\pm 1^\circ\text{F}$ ($+0.1/-0.4^\circ\text{C}$)

Humidity Tolerance

$\pm 5\%$

Connection

10 inch (254 mm) 22 AWG twisted-pair pigtail;

Non-polarized connection to remote sensor input of CHV-TSTAT or CHV-THSTAT;

Maximum Cable Length: 500 ft (152 m) via CAT5

Enclosure

Cylindrical plastic, drywall mountable in a 1 inch (26 mm) diameter round hole;

Protrudes ~1/8 inch (3 mm) from wall surface

Primed metal cap suitable for paint or wallpaper

Dimensions

Diameter: 1.50 in (39 mm)

Depth: 2.22 in (57 mm)



MODELS

Available Models

CHV-RTHS: Remote Temperature and Relative Humidity Sensor

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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