CARNES®

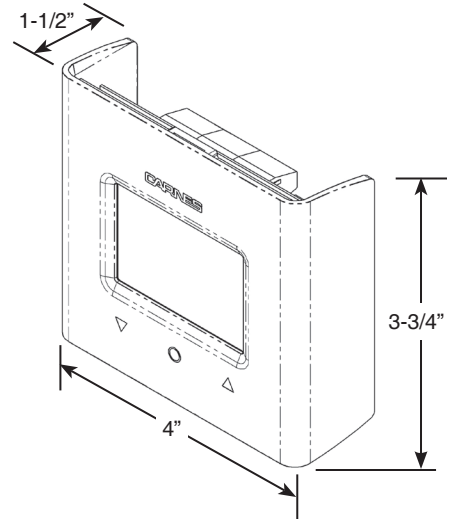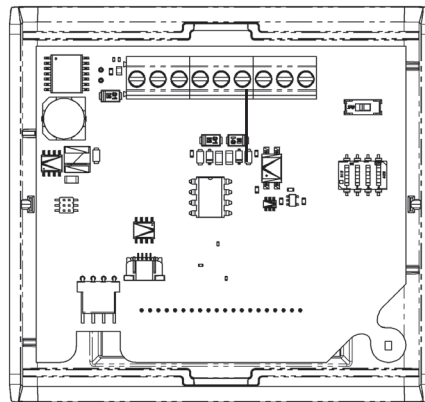# MODEL HXHAW, HXHAWT, HXHAS, HXHAST
WALL HUMIDISTAT, PROPORTIONAL CONTROL

SPECIFICATION
SHEET

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INTRODUCTION

A humidistat is a device that measures relative humidity and works with an external controller or humidifier to automatically control the humidifier to maintain a desired humidity level throughout the conditioned space.

The Carnes models HXHAW, HXHAWT, HXHAS, & HXHAST are wall or duct mounted, microprocessor-controlled humidistat solution for cutting edge humidity control. These models incorporate a backlit LCD module, which displays both the ambient temperature and humidity of the surrounding air. The embedded software allows user navigation between temperature/humidity viewing mode and setpoint adjustments mode, and also outdoor temperature and humidity viewing mode*.

* - when temperature compensation mode is enabled and an optional temperature compensation sensor is purchased (HXHAWT & HXHAST models).

SPECIFICATIONS		
Supply Voltage	24VAC	15-50VDC
Minimum Power Required	2.0VA	
Adjustment Setpoint Range	0-100% RH	
Temperature Sensing Range	-40 to 125°C	
Humidity Sensing Range	0 to 100% RH non-condensing	
Humidity Accuracy	0-10% RH +-3% RH	10-80% RH +-2% RH
Temperature Accuracy	-40 to -10°C 0.5C	-10 to 95 C 0.3C
Controller Output	Proportional 0-10VDC humidity demand signal	On/Off humidity demand signal dry contact

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