

H-4100

# Pneumatic Room Humidistat



response to changes in relative humidity. The humidistat can be ordered in direct or reverse acting models.

- mounts on virtually any wall surface with available accessories
- use with T-4000 covers

## Features

- includes a Cellulose Acetate Butyrate (CAB) sensing element
- features a shock and vibration resistant mechanism for accurate output pressure changes in response to humidity changes
- includes a volume amplifier providing faster response time and an output flow capacity of 400 SCIM (190 mL/s)
- mounts horizontally or vertically
- air connections are made to barbed fittings for 5/32 in. O.D. polytubing

## To Order

Specify the code number from the following selection chart.

## Selection Chart

Code Number	Description
H-4100-201	Direct Acting
H-4100-203	Reverse Acting

## Description

The H-4100 Pneumatic Room Humidistat provides a proportional output signal to modulate pneumatically controlled devices in

## Accessories and Repair Parts

Code Number	Humidistat, Mounting or Air Connection Accessory Description	Function
T-4002-124	Room Instrument Mounting Bracket	For Surface Mounting All Humidistats and Covers
T-4002-6038	Plaster Groundplate	For Rough-In of Surface Mounted Humidistats in Masonry
T-4002-6029	Metal Wallbox	
T-4002-5010	Cover for Groundplate or Metal Wallbox	Keeps Dirt Out of Groundplate and Wallbox During Construction
T-4002-5003	Restricted Adjustment Pin (Order in Multiples of 100)	Restricts Adjustment of Set Point Dial
F-1000-321	Plastic Screw Anchors (Order in Multiples of 100)	For Mounting Brackets and Wallbox
T-4002-3000	Wire Guard	For Exposed Tubing
T-4002-3001		For Concealed Tubing
T-4002-6045	Optional Wire Guard Mounting Plate	For Surface Mounted Humidistat Protection After Construction
T-4002-3004	Cast Aluminum Guard and Mounting Bracket	
GRD10A-608	Plastic Guard	
T-4002-125	Plastic Surface Mounting Back	For Surface Mounted Humidistats with Exposed Tubing
T-4002-123	Terminal Connector with Two Angle Fittings	For Concealed Mounted Humidistats without Pushbuttons
T-4000-110	Aspirator Wallbox Kit	
T-4000-111	Wallplate Cover Kit	Beige Finish
T-4000-112		Stainless Steel Finish
TE-1800-9600	Wallbox Mounting Kit	Adapts 4000 Series Brackets and Covers to Standard Conduit Wallboxes
T-4002-122	Terminal Connector with Two Straight Fittings	For Optional Plug-In Connection to 5/32 in. O.D. Polytubing
T-4000-100	Terminal Connector Protector Cap (For Rough-In Only)	
F-500-45	5/32 x 5/32 in. Barbed Elbow Fitting	
T-4002-100	Ceiling Suspended Mounting Kit	Provides a Method of Installing a Humidistat Other Than Wall Mounting
T-4002-5012	Adjusting Knob Kit	Provides a Means of External Set Point Adjustment
JC 5361	Hypodermic Needle Test Probe	Calibration
JC 5310	Screw-in Test Gauge and Adaptor	

For T-4000 covers, refer to *T-4000 Covers (For Use With H-4100 and H-5100 Series Humidity Instruments)*. For additional connection accessories, covers, and repair parts, refer to *T-4000 Series Accessories*.