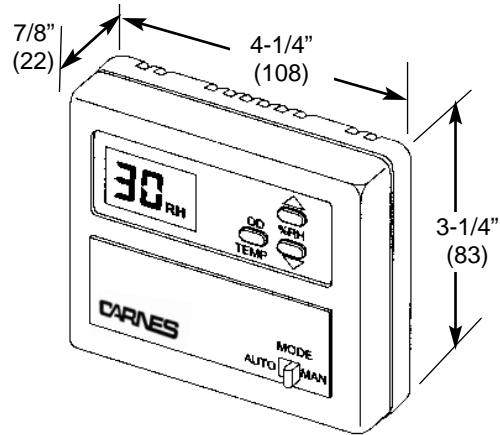
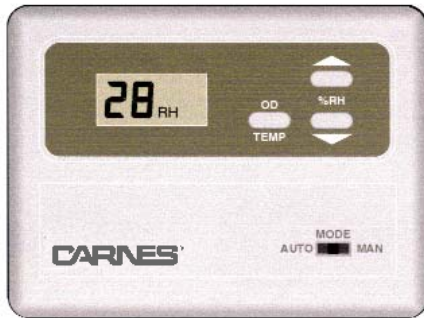


Imperial [IP] Dimensions
Metric (SI) in Parentheses

CARNES COMPANY 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone: (608)845-6411 Fax: (608)845-6504 www.carnes.com

The HXHAT humidistat can be either wall or duct mounted and includes a remote outdoor temperature sensor for exterior wall or intake duct mounting. The humidistat can automatically change the set point in response to changes in outdoor temperature or be set to maintain a set point regardless of temperature changes. The LCD display shows set point RH%, actual RH% or outdoor temperature (from -9 to 98°F). Relay contacts provide an on/off signal to the humidifier. Set point range is from 30-65% RH. Default set point is 40% RH.



Automatic or Manual Operation



OUTDOOR TEMPERATURE	ADJUSTED %RH
+35°F	40%
+30°F	38%
+25°F	35%
+20°F	33%
+15°F	30%
+10°F	28%
+5°F	25%
0°F	23%
-5°F	20%
-9°F	18%

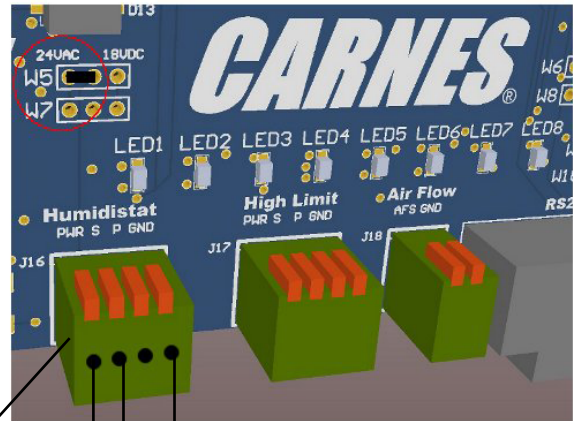
In "MAN" the humidistat holds the set point regardless of the outside temperature.

In "AUTO" the humidistat automatically adjusts the RH set point as the outside air temperature changes. The table above shows the adjusted set points for different outdoor temperatures, using the factory default set point of 40% RH.

Wiring Diagram

IMPORTANT NOTE:
Jumper on W5 must be set to 24VAC (to left)

Do not power humidistat with 18VDC connected.



Outdoor Sensor

