

RTAFHD3

Remote Temperature, Airflow, Humidity & Dew Point Sensor

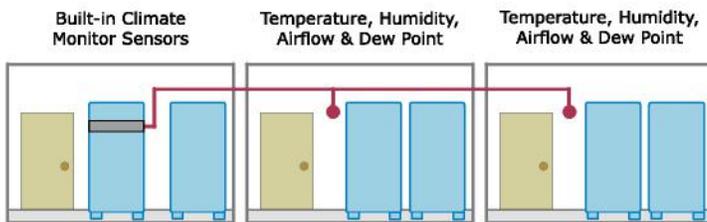
Rev 1.03

Digital Sensor Datasheet

RTAFHD3 (Remote Temperature, Air Flow, Humidity, Dew Point) is an all-in-one sensor providing multiple remote environment readings as a complete package.

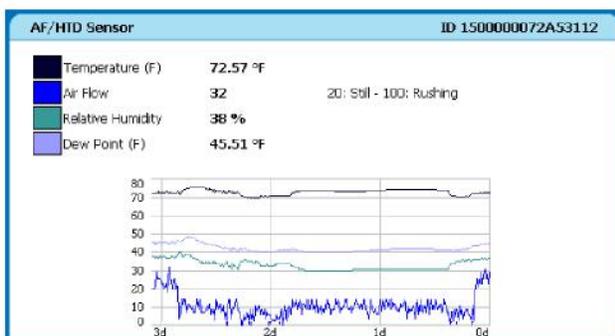
- Provides measurements for temperature, humidity, air flow and dew point
- Accurate and compact, easy to install
- Compatible devices support up to 16 sensors
- Get alerts via email, SMS, SNMP and/or phone call

Built to remotely monitor computer cabinet or server room conditions, the RTAFHD3 contains sensors for determining temperature, humidity, air flow and dew point. Set multiple alarms and get alerts via email, SMS, SNMP or voice phone call. Up to 16 RTAFHD3 sensors can be attached to a Goose climate monitor. Sensors can span a total cable distance of up to 600'.



Monitoring several locations with a Goose and RTAFHD3 sensors

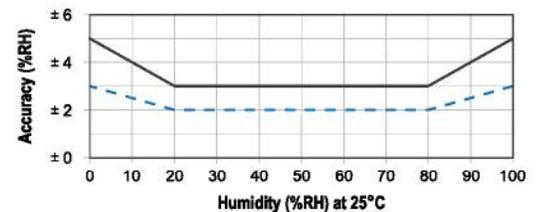
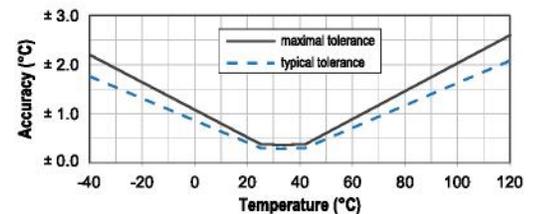
Like other digital sensors, RTAFHD3 sensors communicate with a Goose climate monitor through a serial protocol. When the sensor is plugged into a digital sensor port, the monitor automatically detects and identifies the sensor. Each sensor is given a "friendly" name for easy identification. Sensor readings are collected, logged and graphed by the Goose along with alarm configuration and notification.



Graph and sensor data for a RTAFHD3 sensor



A plastic tube contains the sensors and supporting circuitry. Connects to a digital port.



These graphs show sensor accuracy for temperature and humidity.

Device Details

Specifications

Temperature: Normal operating range: 68 to 113°F (20 to 45°C)
 Accuracy (normal range): +/- 0.5°C
 Extended range: -40 to 185°F (-40 to 85°C)

Humidity: Normal operating range: 20% to 80% RH
 Accuracy (normal range): +/- 2% RH at 25°C
 Extended range: 0% to 100% RH

Dew Point: -40 to 185 °F (-40 to 85 °C)

Air Flow: 0 to 100 (relative value)

Cable type: Cat-3 with RJ-12 connector

Cable length: 12', 20', 50', 100' or custom

Warranty: 1 year (extended warranties available)

Compatibility

Works with all climate/power monitors with digital ports
 Goose Series II units require firmware **v3.5.0** or higher
 Original Goose units require firmware **v2.94** or higher
 16 sensors / 600' total cable length

Model Numbers

RTAFHD3-#: # = cable length (feet)

RTAFHD3-12, RTAFHD3-20, RTAFHD3-50, RTAFHD3-100

* Auto-dialer required for phone call alerts

