

TCS
TCS US4X51 UbiquiSTAT
Dehumidification Control With
Humidity Sensor



TCS US4X51 UbiquiSTAT Dehumidification Control With Humidity Sensor Owner's Manual

[Home](#) » [TCS](#) » TCS US4X51 UbiquiSTAT Dehumidification Control With Humidity Sensor Owner's Manual 

Contents

- [1 TCS US4X51 UbiquiSTAT Dehumidification Control With Humidity Sensor](#)
- [2 Product Usage Instructions](#)
- [3 Dehumidification Control Options](#)
- [4 Documents / Resources](#)
 - [4.1 References](#)
- [5 Related Posts](#)



TCS US4X51 UbiquiSTAT Dehumidification Control With Humidity Sensor



Specifications

- Model: UbiquiSTAT
- Dehumidification Control: Yes
- Humidity Sensor: Built-In
- Communication: Compatible with Ubiquity Cloud Building Automation System or BACnet network

Product Usage Instructions

Installation

Follow the installation guide provided in the manual to mount and connect the UbiquiSTAT to your HVAC system.

Setup:

Configure the dehumidification control options based on your requirements by selecting the appropriate settings from the provided list of options.

Communication:

If connecting to the Ubiquity Cloud Building Automation System follow the instructions for establishing communication for remote management.

Calibration

Calibrate the built-in humidity sensor if needed to ensure accurate readings for dehumidification control.

Troubleshooting

Refer to the manual for troubleshooting steps in case of any issues with the UbiquiSTAT's dehumidification control.

FAQ

- **Q: Can the UbiquiSTAT be used in multi-stage HVAC systems?**

A: Yes, the UbiquiSTAT US4X21 model is designed for use in multi-stage RTU systems.

- **Q: How do I change the dehumidification setpoints?**

A: Navigate to the appropriate screen number as per the manual and adjust the dehumidification setpoints accordingly.

- **Q: Is it possible to connect the UbiquiSTAT wirelessly?**

A: Yes, certain versions of the UbiquiSTAT support wireless connectivity. Refer to the model number for compatibility.

UbiquiSTAT Dehumidification Control With Built-In Humidity Sensor

The UbiquiSTAT is a powerful, full-featured room controller with advanced dehumidification control sequences, including:

- Staged cooling to remove moisture
- Staged reheat to maintain comfort
- Cooling modulation control
- Heating modulation control

Model*	Description
US4X51	Advanced Application Thermostat
US4X41	Advanced RTU Thermostat
US4X21	Multi-Stage RTU Thermostat
US4X11	Single-Stage RTU / Zoning Thermostat

Every TCS UbiquiSTAT can communicate with our comprehensive Ubiquity

* Cloud Building Automation System (or connect to your BACnet network) to manage the UbiquiSTAT's extensive dehumidification controls from within your building's HVAC system.

Dehumidification Control Options

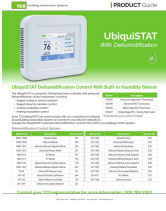
BACnet ID	Description	Screen No.	BACnet ID	Description	Screen No.
MSV-1004	System State	86	AV-1342	Dehumid Error	232
MSV-1340	Dehumid Mode	230	AV-1343	Dehumid Differential	233
MSV-1347	Dehumid Reheat Setpoint Mode	230	AV-1345	Dehumid Prop Band	235
MSV-1351	Dehumid Reheat Mode	241	AV-1346	Dehumid Reheat Setpoint Fixed	236
MSV-316	BO Mode	137	AV-1348	Dehumid Reheat Fixed Set point	238
MSV-317	TC Mode	139	AV-1349	Dehumid Reheat Setpoint Delta	239
MSV-123	Space Relative Humidity Source	118	AV-1350	Dehumid Reheat Active Setpoint	240
MSV-1347	Dehumid Reheat Setpoint Mode	237	AV-1353	Dehumid Reheat Prop Band	242
AI-96	Internal RH Sensor Input	96	AV-1360	Dehumid Unoccupied Setpoint	243
AV-107	Internal RH User Calibration	244	BV-316	B/O Mode	137
AV-135	Space Relative Humidity	124	BV-1344	Dehumid Active	234
AV-1341	Dehumid Occupied Setpoint	231			

Contact your TCS representative for more information

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Documents / Resources

	TCS US4X51 UbiquiSTAT Dehumidification Control With Humidity Sensor [pdf] Owner's Manual US4X51, US4X51 UbiquiSTAT Dehumidification Control With Humidity Sensor, UbiquiSTAT Dehumidification Control With Humidity Sensor, Dehumidification Control With Humidity Sensor, Control With Humidity Sensor, Humidity Sensor, Sensor
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References

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- [User Manual](#)

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