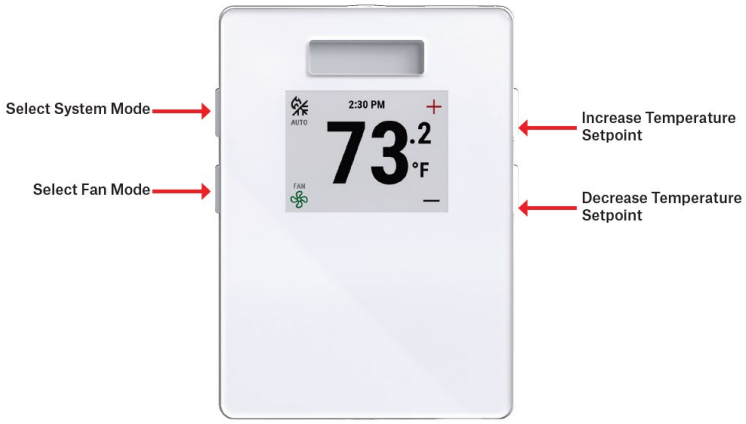
BrainBox AI Stat 2

User Guide

Welcome to your BrainBox AI Stat 2

Your BrainBox AI Stat 2 thermostat keeps your rooftop unit (RTU), heat pump (HP), and fan coil unit (FCU) system running comfortably and efficiently. This guide covers everything you need to read the display, use the buttons, and know what to do if something needs attention.

Getting to know your display



RTU/HP

The large number in the center of the screen is the current room temperature. The clock shows the time of day, and the icons around the edge of the screen let you know what your system is doing.

Normal display

Display icon	Meaning
OFF	**System status:** *OFF/No Cooling/Cooling/No Heating/Heating*
AUTO AUTO AUTO	**System Status (Auto mode):** *No Demand/Heat Demand/Cool Demand*
FAN FAN FAN A FAN A	**Fan status:** *OFF/ON/Auto OFF/Auto ON*
	Occupancy status: *Unoccupied* or *Occupied* (see *RTU/HP and FCU: Unoccupied schedule behavior* below)
	BACnet MS/TP communication is connected
	Wi-Fi is connected
	Service needed: Select *Off* mode for 10 seconds, then retry

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Button functions

Display icon	Meaning
	**Select system mode:** *OFF/Auto Heat-Cool/Cooling Only/Heating Only*
	**Select fan mode:** *ON/Auto*

FCU

Normal display

Display icon	Meaning
	**System status:** *OFF/No Cooling/Cooling/No Heating/Heating*
	**System status (Auto mode):** *No Demand/Heat Demand/Cool Demand*
	**Fan status:** *OFF/ON/Auto OFF/Auto ON*
	**Occupancy status:** *Unoccupied* or *Occupied* (see *RTU/HP and FCU: Unoccupied schedule behavior* below)
	**BACnet MS/TP communication is connected**
	**Wi-Fi is connected**
	**Service needed:** Select *Off* mode for 10 seconds, then retry
	**Window is open:** Equipment is stopped (used for hotel rooms)

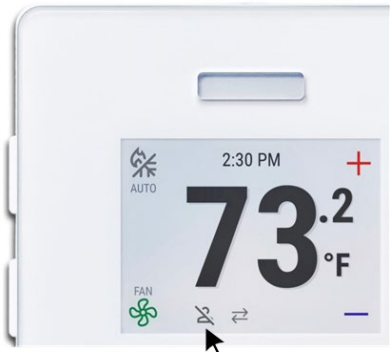
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Button functions

Display icon	Meaning
	**Select system mode:** *OFF/Auto Heat-Cool/Cooling Only/Heating Only*
	**Select fan speed:** *Low/Medium/High/Auto*

RTU/HP and FCU: Unoccupied schedule behavior

When the zone's schedule sets it to *Unoccupied*, the display shows the *Unoccupied* icon in place of the *Occupied* icon. Pressing any button on the controller triggers a temporary 60-minute occupancy override: the display switches to the *Occupied* icon for the override period, then returns to *Unoccupied* automatically when it ends.



Quick Reference: RTU/HP vs FCU

The two configurations share the same system status, occupancy, and communication icons. The table below summarizes where they differ.

Feature	RTU/HP	FCU
Fan control	Fan Mode: ON/Auto	Fan Speed: Low/Medium/High/Auto
Window sensor	Not available	Window Open icon (stops equipment)

Need help?

If the service icon appears on your display, turn the system mode to Off for about 10 seconds and then select your mode again. If the issue continues, please contact your building's facility manager or service provider for assistance.

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