



G E O T H E R M A L H E A T P U M P S

ACCESSORIES

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THERMOSTATS

THERMOSTATS

A thermostat not only provides you with control of your home's comfort, it allows your GeoStar unit to operate as efficiently as possible. Also, not every thermostat is compatible with a geothermal heat pump so choosing the right one is important. We offer a wide range of thermostats with features including programmability, touch screen

operation, humidity control, dual fuel control, and wireless communication to accessories. Communicating thermostats are also available, allowing for instantaneous or 13-month energy monitoring. Find the thermostat that's best for you and your lifestyle.



FEATURES

Comparison Chart	TA32W02GSR	TP32W03GSR	TP32U03GSR	TP32U04GSR	TP32U05GSR	TPC32U01GSR	TPCM32U03GSR	TPCM32U04GSR	TP32S01GSR	TP32S02GSR
Heat / Cool Stages	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2
Auto Changeover	■	■	■	■	■	■	■	■	■	■
Programmable		■	■	■	■	■	■	■	■	■
Touch Screen		■				■				
Text Based			■	■	■	■	■	■	■	■
Fault Flash	■	■							■	■
Comfort Talk			■	■	■	■	■	■	■	■
Dual Fuel		■	■	■	■	■	■	■		■
Humidity Control				■		■		■		■
4-Wire					■	■	■	■		
Sensors		■	■	■	■	■	■	■	■	■
Communicating						■	■	■		
Energy Monitoring						■	■	■		

Heat Stages — All of our thermostats utilize three heating stages – part load, full load, and supplemental heat.

Cool Stages — All of our thermostats utilize two cooling stages – part load and full load.

Auto Changeover — Provides the option to automatically switch from heating to cooling with no effort.

Programmable¹ — Ability to regulate different temperatures for different days or times of day.

Touch Screen — Sleek touch screen display to adjust the temperature.

Text Based — Current conditions and status messages are rendered on-screen in text.

Fault Flash — Faults are communicated via light flash.

Comfort Talk — Thermostat automatically translates Fault Flash codes to on-screen text for easy diagnosis.

Dual Fuel — Thermostat automatically switches from geothermal to a supplemental heating source if needed.

Humidity — Allows the ability to view and control humidity levels throughout your home.

4-Wire — Easy upgrade of existing thermostat wiring rather than updating to the 8-wire offering.

Sensors — Ability to gather additional data on indoor/outdoor temperature.

Communicating — Communicates seamlessly with the Aurora family of controls to display faults and energy usage right at the thermostat.

Energy Monitoring — Monitor your unit's energy usage right at the thermostat.

1. We recommend consulting your dealer before utilizing programmable temperatures. Unlike traditional heating systems (which recommend lowering temperatures 10° or more at night or while at work) your geothermal unit is most efficient when set to one temperature based on comfort. Employing "setback" scheduling may actually negatively impact your savings.

NON-PROGRAMMABLE THERMOSTAT

W02 THERMOSTAT



A great choice for many of our units, this thermostat features an easy-to-read 4-inch display for quick, easy control. 3 heat stages and 2 cool stages accommodate single or dual stage units with ECM blower motors. This thermostat's non-programmable simplicity is perfect for people who are more concerned with ease of use rather than a multitude of unused options.

Model Number - TA32W02GSR



3.8" H x 5.25" W

1.25" D



- Battery Back-up
- Fault Flash Diagnostics
- Single or Dual Stage Capabilities

PROGRAMMABLE THERMOSTAT

W03 THERMOSTAT

with Touch Screen Display



A large touch screen display makes this thermostat easy to read and control. Compatible with single or dual stage units with ECM blower motors, it features 3 heat stages and 2 cool stages along with dual fuel capabilities. This sleek unit looks great in any home and provides the control and peace of mind you need.

Model Number - TP32W03GSR



4.6" H x 5.9" W

1.2" D



- Fully Programmable Capabilities
- Touch Screen Display
- Single or Dual Stage Capabilities

Accessories available:
TSW01 - Indoor remote sensor
TSW02 - Outdoor sensor

S01 THERMOSTAT



The S01 is compatible with any GeoStar system, whether single or dual stage as well as ECM or PSC blower motors. This robust thermostat utilizes Comfort Talk, text based display and wireless communication with accessories.

Model Number - TP32S01GSR



4.43" H x 5.33" W

1.0" D

S02 THERMOSTAT

with Humidity Control



The S02 combines all the features and functionalities of the S01 and adds humidity control. Choose this unit if you have a whole-house humidifier.

Model Number - TP32S02GSR



- Comfort Talk
- Humidity Control (Available on TP32S02GSR)
- RF Module (Optional accessory RFMS01)

Accessories available:
 TSS01 - Indoor/outdoor wireless temperature sensor
 CCMS01 - Comfort call module
 RFMS01 - 900 MHz wireless transceiver module utilizes a frequency hopper to avoid interference so that sensors, accessories, and thermostat can operate at top performance without ugly connecting wires.

PROGRAMMABLE THERMOSTAT

CC-U01 THERMOSTAT

with Touch Screen Display



This beautiful communicating color touch-screen thermostat is great for Aston or Aston Advanced units and offers intuitive comfort control. This programmable thermostat can also display instantaneous or 13 month energy monitoring history. One unique feature is a mini USB port² to upload software updates or log performance data. The TPCC32U01GSR features 3 heat and 2 cool stages, dual fuel capabilities, Comfort Talk error communication, humidity control, outdoor sensors, and more.

Model Number - TPCC32U01GSR



3.875" H x 5.125" W

1.0" D



- Communicating
- Color Touch-Screen Display
- Energy Monitoring
- Mini USB Port²

2. Mini USB port functionality coming soon.

Accessories available:
 TSU01 - Indoor surface mount sensor
 TSU02 - Outdoor sensor
 TSU03 - Indoor flush mount sensor

U03 THERMOSTAT



A powerful and versatile choice, this thermostat works perfectly with any GeoStar system – single or dual stage units with ECM or PSC blower motors. Comfort Talk, text based output, and dual fuel capability are only a few of the features that make this thermostat a great partner for your geothermal system.

Model Number - TP32U03GSR

U04 THERMOSTAT

with Humidity Control



This thermostat offers the features and functionality of the CM-U03 while adding humidity control. Choose this unit if you have a whole-house humidifier.

Model Number - TP32U04GSR

U05 THERMOSTAT

with 4-Wire



This thermostat offers the features and functionality of the CM-U03 and uses 4-wire installation. 4-wire compatibility allows easy upgrade from old single stage heating and cooling equipment without having to update to 8 wires.

Model Number - TP32U05GSR

CM-U03 THERMOSTAT



This powerful communicating thermostat is perfect for any system with Aurora controls. It provides instantaneous energy monitoring, Comfort Talk, text based output, as well as dual fuel capabilities. This thermostat is a great partner for your geothermal system.

Model Number - TPCM32U03GSR

CM-U04 THERMOSTAT

with Humidity Control



This thermostat offers the features and functionality of the CM-U03 while adding humidity control. Choose this unit if you have a whole-house humidifier.

Model Number - TPCM32U04GSR



4.25" H x 6.25" W

1.1"D



- Single or Dual Stage Capabilities
- Energy Monitoring (Available on TPCM32U03GSR-U04GSR)
- 4-Wire Control (Available on TP32U05GSR, TPCM32U03GSR & TPCM32U04GSR)

Brought to you by:

Accessories available:
TSU01 – Indoor surface mount sensor
TSU02 – Outdoor sensor
TSU03 – Indoor flush mount sensor



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