

S701 Instruction



Specifications:

Display temperature range	41°F to 95°F (5°C to 35°C)
Setpoint Range.....	44°F to 90°F (7°C to 32°C)
Load rating.....	1.0Amp per terminal, 1.5Amp maximum all terminals combined
Display accuracy.....	±1°F (under 68°F)
Power source.....	24 VAC(18 to 30 VAC), 50/60 Hz for hardwire (common wire) 2*AAA 1.5V Alkaline batteries power
Low battery indicator.....	Under 2.45V (without 24V power supply)
Backlight.....	Blue, light on for 15 seconds
Dimensions of thermostat.....	W120 x H115 x D24mm

System Switch

Selects the operation mode of your HVAC system.

1. HEAT: Turns on the heat mode, driver terminal: B,W. Press the + or - buttons to select the desired room temperature
2. OFF: Turns both heating and cooling off
3. COOL: Turns on the air conditioning mode, driver terminal: O,Y. Press the + or - buttons to select the desired room temperature

Fan Switch, Electric / Gas Switch

ON: will run the fan continuously

AUTO: will cycle the fan on or off under the cooling mode

Under the heating mode, select ELEC to allow the thermostat to operate the fan according to the ON/OFF of the system; when select GAS, the fan will always be OFF.

Adjusting the Temperature Swing

● HEAT SWING

Select HEAT with the system switch, hold down the + and - buttons together for 3 seconds to access the HEAT SWING setting. Use the + or - key to adjust the swing from $\pm 0.2^{\circ}\text{F}$ to $\pm 2^{\circ}\text{F}$. Wait approximately 15 seconds or slide

the system switch to return to normal operation.

- **COOL SWING**

Select COOL with the system switch, hold down the + and - buttons together for 3 seconds to access the COOL SWING setting. Use the + or - key to adjust the swing from $\pm 0.2^{\circ}\text{F}$ to $\pm 2^{\circ}\text{F}$. Wait approximately 15 seconds or slide the system switch to return to normal operation.

Installation Setting

Select OFF with the system switch, hold down the + and - buttons together for 3 seconds to access the CALIBRATION setting. Use the + to adjust the temperature from -4°F to $+4^{\circ}\text{F}$.

Then press - to access the F(Fahrenheit) or C(Celsius) setting, use + to select.

Press - again to access the DELAY selection, the compressor delay will not allow the compressor to be turned on for 5 minutes after the last time the compressor was on. Use the + to select ON or OFF (ON: the Y terminals will turn off for at least 3 minutes). Wait approximately 15 seconds or slide the system switch to return to normal operation.

Reset

Hold - button then press RESET button until the display is normal displayed to restore the factory default settings.

Terminal Designations

RH----- 24VAC (system power supply) HEAT=RH TO W
RC-----COOL= RC to Y FAN=RC TO G
C-----Common24VAC (system power supply)
W----- HEAT
Y----- COOL
G-----FAN
B-----REV VALVE HEAT
O-----REV VALVE COOL