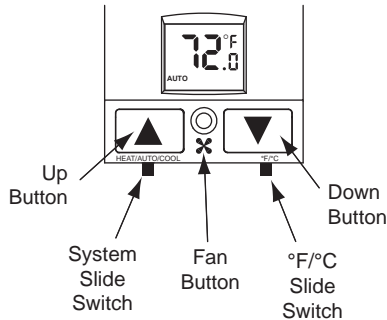


How to Program: 5-10573 Series

NOTE: The programming mode has a time limit of 10 minutes. The timer is automatically activated when the programming is started. At the end of the 10 minutes the thermostat will resume normal operation. The programming parameters will remain unchanged unless the programming mode was ended in the "End" mode.

NOTE: The default values mentioned in the next column and back pages have been pre-programmed at the factory. However, if the thermostat has been custom programmed, the defaults may not apply.



To enter the programming mode:

Press and hold the up and down arrow buttons while sliding the °F/°C switch to the opposite side. 00 will appear on the display.

Do not use the °F/°C switch again while in the programming mode, this will automatically return the thermostat to operating mode.

Press either the up or down arrow button to find the access code.

Access code 43 - Configuration mode

Access code 79 - Field Programming

Access code 92 - Restoring Factory Settings

Press the fan button upon reaching the desired code.

End and prog will appear on the display in codes 43 and 79.

ALL will appear on the display in code 92.

Press either the up or down arrow button to scroll through the menu to reach the desired parameter. The parameters are defined and the factory set defaults listed in the next columns.

Press the fan button to access the parameter.

Press either the up or down arrow button to reach the desired change.

Press the fan button to return to the program menu.

Continue scrolling and changing as desired.

To save the changes:

Press either the up or down arrow button until End and prog appear on the display again.

Press the fan button to save the changes and exit the program. When exiting from one access code you will need to re-enter programming mode to enter a different access code.

To restore factory presets (Access Code 92):

To restore **ALL** factory presets, simply press the fan button when ALL appears on the display. The program will exit also.

To restore individual parameters, press either the up or down arrow button until the parameter is reached. Press the fan button and the factory preset is restored.

To exit, press the up or down arrow buttons until End and ERASE appear on the display.

Press the fan button to exit.

Configuration Parameters: Access Code 43

Some parameters will change depending on whether the equipment type is a heat pump or a fan coil.

Explanation of Codes:

Equipment Type (E9P):

Selects the type of equipment

tHP - Default, Trane heat pump, type O reverse valve

tAC - Trane AC with electric heat

FHP - Friedrich heat pump, type B reverse valve

FAC - Friedrich AC with electric heat

gHP - GE heat pump, type B reverse valve

gAC - GE AC with electric heat

AHP - Amana heat pump, type B reverse valve

AAC - Amana AC with electric heat

FC - fan coil

Reverse Valve Type (typ):

Selects the valve type

O type - Default, energizes in calls for cooling

B type - energizes in calls for heating

Heat Pump or AC (Pt):

HP - Default, 2 stage heat, single stage cool

Y = compressor, W = 2nd stage heat

AC - AC and electric heat

Y = cool, W = heat

Fan Speed and Operation (FOp):

1U - single speed user selectable fan

1C - single speed constant fan

1A - single speed auto fan

2U - Default, two speed user selectable fan

2C - two speed constant fan

2A - two speed auto fan

Three speed fan only available for fan coil equipment

3U - three speed user selectable fan

3C - three speed constant fan

3A - three speed auto fan

Compressor Protection (FCp):

Selects the compressor protection and high or low speed fan in heating

CP - Default heat pump, compressor protection and high fan is allowed in heating

NP - Default fan coil, no compressor protection and high fan is allowed in heating

CP - compressor protection and high fan is allowed in heating
nP - no compressor protection and only low fan is allowed in heating

cP - compressor protection and only low fan is allowed in heating

Continuous Fan Operation (CFL):

Selects continuous fan operation

Dis - Default, normal fan operation

Ena - continuous low fan in auto or economy modes

Field Programming Parameters: Access Code 79

Explanation of Codes:

Temperature Scale (Unt):

Selects scale parameter that will be shown

F - Default, °F

C - °C

Display Temperature (dSP):

Selects which temperature is shown on display

SP - Default, display will show setpoint only

rt - display will show room temperature unless either up or down arrow button is pressed. Then the display will show setpoint.

Srt - display will toggle between room temperature and setpoint. Display will revert to setpoint when either the up or down arrow button is pressed.

Temperature Control Mode (HAc):

USr - Default, switch selectable, heat only, auto changeover or cool only

AUt - auto mode only

CL - cool mode only

Ht - heat mode only

Off Function Enabled (OFF):

Selects whether or not thermostat can be turned off by pressing the fan button

Ena – Default, enabled, press fan button until OFF appears on display

dis – disabled

Economy Function Enabled (ECo):

Selects whether or not thermostat can be manually placed in economy mode by pressing the fan button

Ena – Default, enabled, press fan button until ECo and ECON appears on display

dis – disabled

Comfort Setpoint (CS):

Selects setpoint default temperature when thermostat powers up or returns to comfort mode from economy mode

72.0°F (22.0°C) Default

Programmable Range: 60.0°F to 85.0°F (15.5°C to 29.5°C)

Cooling Limit (LC):

Selects minimum room temperature in cooling

65.0°F (18.5°C) Default

Programmable Range: 60.0°F to 85.0°F (15.5°C to 29.5°C)

Heating Limit (LH):

Selects maximum room temperature in heating

85.0°F (29.5°C) Default

Programmable Range: 60.0°F to 85.0°F (15.5°C to 29.5°C)

Freeze Protection (FP):

Selects freeze protection enabled or disabled

Ena – Default, enabled at 40.0°F

dis – disabled

Fan Purge Timer (FPt):

Selects the amount of time the fan will continue to run after a heating or cooling call.

30 seconds Default

Programmable Range: 0 (Off) to 180 seconds (3 minutes), in 10 second increment

Clear Logged Data (CLr):

Selects whether or not the logged run time data will be reset to 0's

no – Default, no reset

Yes – reset

Setback Ramping (Sbr):

Selects setback function to step back to economy setpoints or to go directly to economy setpoints.

dis - Default, disabled, directly to economy setpoint

Ena – enabled, ramps to economy setpoints

OFF - directly to Off mode

Ramping Setback Timer (rSt):

After setback is initiated, selects the amount of time the setpoint will be stepped back by the degrees per setback

Example: if both parameters are defaulted, the thermostat will step back 1.0° per every 30 minutes until either the economy cooling limit (EC) or the economy heating limit (EC) is reached.

30 minutes Default

Programmable Range: 1 minute to 720 minutes (12 hours), in 15 minute increment

Degrees Per Setback (dPs):

Selects the number of degrees per time period that the setpoint will be stepped back

1.0° Default

Programmable Range: 0.0°F to 3.0°F, in 0.5°F increments

SETBACK RAMPING (Sbr), RAMPING SETBACK TIMER (rSt) AND DEGREES PER SETBACK (dPs) PARAMETERS ARE ONLY USUABLE ON THE REMOTE SETBACK MODELS.

Economy Cooling Limit (EC):

When in economy or remote setback mode, selects the highest room temperature before cooling turns on. Cooling turns off when temperature falls below EC value.

85.0°F (29.5°C) Default

Programmable Range: 72.0°F to 99.0°F (22.0°C to 37.0°C), in 0.5°F increments

Economy Heating Limit (EH):

When in economy or remote setback mode, selects the lowest room temperature before heating turns on. Heating turns off when temperature rises above EH value.

60.0°F (15.5°C) Default

Programmable Range: 41.0°F to 72.0°F (5.0°C to 22.0°C), in 0.5°F increments

Fan Refresh Frequency (FrF):

Selects how often the low fan will operate for a fan refresh

0 hours Default, disabled

Programmable Range: 0 hours to 24 hours

Fan Refresh Duration (Frd):

Selects the length of time the low fan will operate during a fan refresh

1 minute Default

Programmable Range: 1 minute to 45 minutes

Cycle Rate Timer (crt):

Limits the number of heat/cool cycles per hour

6 cycles per hour Default, heat pump

8 cycles per hour Default, fan coil

Programmable Range: 0 (Off) to 12 cycles per hour, heat pump

Programmable Range: 0 (Off) to 24 cycles per hour, fan coil

Differential (Dif):

Selects the minimum room temperature above or below setpoint when heating or cooling will turn on or off.

0.4°F (0.2°C) Default

Programmable Range (°F): 0.2, 0.4, 0.6, 0.8, 1.0, 1.2

Programmable Range (°C): 0.1, 0.2, 0.3, 0.4, 0.5, 0.6

Setpoint Hold Timer (SH):

Selects a time limit that the occupant's setpoint will be saved, when in economy mode.

0 hours Default, disabled

Programmable Range: 0 hours to 24 hours

Fan Hold Timer (HFt):

Selects a time limit the high and low fans will operate before automatically returning to auto mode.

0 hours Default, disabled

Programmable Range: 0 hours to 24 hours

Shutdown Delay (Sdd):

Selects the amount of time delay between remote shutdown signal and the thermostat going into shutdown mode.

0 seconds Default, immediate

Programmable Range: 0 seconds to 200 minutes

To restore factory presets:

Press and hold the fan and down arrow buttons while sliding the °F/°C switch to the opposite side.

00 will appear on the display.

Press either the up or down arrow button to locate the erase mode **Access code 92**.

Press the fan button upon reaching the code.

All and erase will appear on the display.

To restore **ALL** factory presets, simply press the fan button when ALL appears on the display. The program will exit also.

To restore individual parameters, press either the up or down arrow button until the parameter is reached. Press the fan button and the factory preset is restored.

To exit, press the up or down arrow buttons until End and ERASE appear on the display.

Press the fan button to exit.