

Installer Parameter Menu

These parameters should only be adjusted by a heating professional.

This thermostat comes pre-configured for a radiant floor heating system with a separate boiler control and should normally not need further adjustment. The parameters can be adjusted for fine tuning the system or adapting to other applications.

To access the Installer Parameter Menu:

1. Change the thermostat to the "OFF" mode.

Auto      

2. Press and hold the  "back" button for 10s.

3. PRESS the  "left" or  "right" buttons to cycle through the parameters.

To see or adjust a parameter value:

1. Press the  "OK" button.

2. Use the  "minus" or  "plus" buttons to adjust parameter value.

3. Press the  "OK" button to set the adjustment.

Exiting the Installer Parameter Menu

- After 30 seconds of inactivity the thermostat will automatically exit the menu.
- Press the  "back" button.
- Use the  "left" or  "right" buttons to navigate to parameter 35 and press the  "OK" button.

Remember to change the thermostat back to the appropriate mode when finished. There is no freeze protection in the OFF mode.

Parameter	Description	Range	Default
20 Mod	Adjusts the type of system.	"Hot" = heating "rEv" = do not use "Cld" = cooling	"Hot"
21 Out	Acutator type selection.	"NC" = normally closed "NO" = normally open	"NC"
22 PMP	Perform a 1 minute pump exercise each day if the system is inactive.	"PMP" = yes "no" = no	"PMP"
23 rEG	Temperature sensor to be used. To select "FL.L", internal air sensor with floor limitation operation: Step 1. Connect a floor sensor. Step 2. Set parameter 23 to "Flr" Step 3. Set parameter(s) 26 and/or 27	"Air" = internal ambient sensor only "AMb" = external ambient sensor only "FLr" = floor sensor only "FL.L" = internal air sensor and floor sensor	"Air"
24	Displays the measured internal sensor temperature.	5.0 to 37.0°C 41°F to 99.0°F	
25	Displays the measured external sensor temperature.	"Err" = no sensor detected 5.0 to 37.0°C 41°F to 99.0°F	
26 FL.L	Floor temperature Low limit	"no" = no low limit 5.0°C to FL.H 41.0°F to FL.H	"no"
27 FL.H	Floor temperature High limit	"no" = no high limit FL.L to 50.0°C FL.L to 122°F	"no"
28 tYP	Select the type of system regulation.	"rEG" = proportional band (PWM) "HYs" = hysteresis (on/off)	"rEG"
29 tCY	If 28 tYP = "rEG" Selection of the proportional band duration in minutes (cycle time). The constant time cycle the thermostat uses to translate the % output from the PI calculation to an on/off time of the heat demand.	1 to 60 minutes	6 minutes
29 HYs	If 28 tYP = "HYs" Select the differential temperature.	0.5 or 1.1°C 0.9 or 2.1°F	0.5°C 0.9°F
30 tON	Minimum call for heat in minutes.	0 to half of tCy (29)	0 minutes
31 tOF	Minimum interval between on cycles in minutes.	0 to half of tCy (29)	0 minutes
32 bP	If 28 tYP = "rEG" PI regulation band amplitude value in degrees.	0.1 to 6.0°C 0.1 to 10.8°F	2.0°C 3.6°F
33 CP	Compensation value. Not used.	0.0 to 14.0°C	0.0°C
34 CLr	Resets all parameters to factory defaults. PRESS & HOLD "OK" Button for 5 seconds to reset all installer and user parameters.		
35 End	Exits the installer parameter menu.		