

Seekers Guide to Thermostat Settings

Goals

In order to be good stewards of Seekers' building and resources (as well as the environment), we want to:

- *Provide a comfortable and welcoming building for users,*
- *Ensure that the building is not harmed through excessive heat or cold, and*
- *Minimize energy consumption.*

Guiding Principles

These goals lead to following principles:

- Permit users to adjust the temperature during their use (and request them to return it to the previous level when they are finished, although the next change in the cycle provides backup).
- Set fairly dramatic maximum and minimum temperatures when no use is expected.
- Have one place in the building – such as the kitchen/small dining area – that is kept comfortable much of the time in order for Seekers to have impromptu meetings or conversations in that space without having to wait for the temperature to change.
- Since it seems to be impossible to set a temperature that satisfies everyone in the sanctuary during services, and it is equitable not to favor either those who would like it warmer or those who like it colder, we might as well conserve resources by satisfying those who like it warmer in the summer and those who like it colder in the winter.
- However, the wood floor in the sanctuary is not supposed to have dramatic temperature swings.

Controls and Options

There are six zones in the building:

- Sanctuary (thermostat inside main door)
- Dining Room/Main Level Hallway (thermostat by parking lot door)
- Office/Circle Room (thermostat in entry room)

- Conference/Children’s Rooms (thermostat in large conf. room)
- Upper Level (thermostat in meditation room)

The sophisticated programmable thermostats for each zone permit the temperature to be automatically changed four times a day, and to be set differently for each day of the week. The four time periods are called: Wake, Day, Evening, Night, with the precise times specified by us on each thermostat.

The thermostats can be set to provide only Heat or only Air Conditioning, or to provide whichever is needed as the temperature fluctuates (Auto). If the temperatures are set sensibly, there should not be any problem in having the thermostats on Auto. However, if the temperatures are set too close together, we may be paying for Heat one minute and Air Conditioning a few minutes later, which is probably only necessary in the sanctuary.

Fans can also be set for On or Auto, but would appear to conserve resources by always being on Auto.

Proposed Temperatures

- When spaces are expected to be in use, we may want to set the temperature for 75 (summer, with heat set for 65) and 72 (winter, with air conditioning set at 82). Adjacent spaces would not need to be quite so comfortable, and might be set for 79 (summer, with heat set for 65) and 68 (winter, with air conditioning set at 82)
- The sanctuary (and other gathering rooms if packed full) may need to have a smaller temperature range during use in order to maintain comfort, so we may want to set the temperature for 74 (summer, with heat set for 70) and 72 (winter, with air conditioning set at 76)
- When the sanctuary is not in use, for the sake of the hardwood floor (and sound cabinet) we may need to cap the range at 62-82, winter and summer.
- For the rest of the building, when not in use we may want a broader range of 50-90.

Following are specifics for each thermostat for **Summer (in roman type)**; *Winter is in italics*, if different. When we have regular users, we may want to adjust the following schedule and adjust the temperature for the period they will be in the building.

SUMMER (roman type); WINTER (italic type) (Blank boxes are the same as left.)

SANCTUARY	Monday	Tue.	Wed.	Thurs.	Friday	Saturday	Sunday
Wake	62-82						
Day	62-82						9a – 5:30p: 72-76
Evening	62-82						
Night	62-82			6:30p –	Same as		

				9:30p: 70-76	Monday		
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KITCHEN	Monday	Tue.	Wed.	Thurs.	Friday	Saturday	Sunday
Wake	6a- 7:30a: 62-82						
Day	7:30 am – 10 pm 65-75 (<i>Winter:</i> 72-82)						
Evening	50-90						
Night	50-90						

DINING/ MAIN HALLWAY	Monday	Tue.	Wed.	Thur s.	Friday	Saturday	Sunday
Wake	50-90						7a-9a: 62-82
Day	6 am – 9:30 pm: 62-82					50-90	9a – 12p: 70-74 (<i>Winter:</i> 72-76)
Evening		5:30 – 9:30p: 70-74 (<i>Winter:</i> 72-76)	Same as Monday			50-90	12p – 5:30p: 65-79 (<i>Winter:</i> 68-82)
Night	50-90						

OFFICE/ CIRCLE ROOM	Monday	Tue.	Wed.	Thurs.	Friday	Saturday	Sunday
Wake	7a-11a: 62-82						
Day	11a-7p: 70-74 (<i>Winter:</i> 72-76)					9a- 9:30p: 62-82	9a – 5:30p: 70-74 (<i>Winter:</i> 72-76)
Evening	7p-	7p-	Same as			50-90	

	9:30p: 65-79 <i>(Winter: 68-82)</i>	9:30p: 70-74 <i>(Winter: 72-76)</i>	Monday				
Night	50-90						

CONF./ KIDS ROOMS	Monday	Tue.	Wed.	Thurs.	Friday	Saturday	Sunday
Wake	7-9a: 62-82					50-90	62-82
Day	9-9:30: 62-82					50-90	9 am – 5:30p: 70-74 <i>(Winter: 72-76)</i>
Evening		5:30 – 9:30pm: 70-74 <i>(Winter: 72-76)</i>	Same as Monday			50-90	
Night	50-90						

UPPER LEVEL	Monday	Tue.	Wed.	Thurs.	Friday	Saturday	Sunday
Wake	62-82					50-90	62-82
Day	65-79 <i>(Winter: 68-82)</i>					50-90	9 am – 5:30p: 65-79 <i>(Winter: 68-82)</i>
Evening 5:30 – 9:30pm	65-79 <i>(Winter: 68-82)</i>					50-90	
Night	50-90						