1. RESET THE THERMOSTAT

Reset the thermostat to ensure that all programming is default by pressing the ⌃, ⌄ and TIME buttons simultaneously.

2. INSTALLER/CONFIGURATION MENU ────────────

The configuration menu allows you to set certain thermostat operating characteristics to your system or personal requirements. To enter the menu: Set your thermostat to OFF and press the ⌃ and ⌄ buttons simultaneously. The display will show the first item in the configuration menu. Press RUN/HOLD to change to the next menu item or press TIME to go backwards to the previous item in the menu. To exit the menu and return to the program operation, press PRGM. If no keys are pressed within fifteen minutes, the thermostat will revert to normal operation. Make the change below in **red**, and change the **units** if required.

Configuration Menu

Menu Reference Number	Press Key	Displayed (Factory Default)	Press ⌃ or ⌄ to select from listed options	Comments
1	⌃ and ⌄	SS	HP	Select Single Stage (SS) or Heat Pump (HP, 1 compressor)
2	RUN/HOLD*	CS (OFF)	On	Select Cool Savings Feature On or OFF
	RUN/HOLD*	CS (3)	1, 2, 3, 4, 5, 6	If CS selected On, selects Cool Savings value
3	RUN/HOLD*	E (On)	**OFF**	Select Energy Management Recovery On or OFF
4	RUN/HOLD*	CR Heat (ME)	FA, **SL**	Select Adjustable Anticipation, cycle rate, Heat Single Stage
5	RUN/HOLD*	CR Cool (FA)	SL	Select Adjustable Anticipation, cycle rate, Cool Single Stage
6	RUN/HOLD*	CL (OFF)	On	Select Compressor lockout OFF or On
7	RUN/HOLD*	L (On)	OFF	Select Display Light On or OFF
8	RUN/HOLD*	Temp (0 HI)	4 LO to 4 HI	Select temperature display adjustment higher or lower
9	RUN/HOLD*	**°F**	**°C**	Select °F / °C Display (temperature units in Fahrenheit or Celsius)
10	RUN/HOLD*	Change Filter (OFF)	On	Select filter replacement indicator OFF or On
	RUN/HOLD*	Change Filter (200 h)	25 to 1975	If Change Filter selected On, selects time interval for Change Filter Indicator. (in 25 hour increments)
11	RUN/HOLD*			Returns to normal operation

*Press **RUN/HOLD** to advance to next item or **TIME** to move backwards to previous item

3. MANUAL OPERATION - NO TIME OF USE

- **HOLD TEMPERATURE** — With the SYSTEM switch set to **HEAT** or **COOL**, momentarily press RUN/HOLD button. **HOLD** will be displayed. Use ⌃ or ⌄ to adjust the temperature. The thermostat will hold the room temperature at the selected setting until you press RUN/HOLD button to start program operation again.

Fan Operation

LEGALETT does not use the G terminal (except for solar installations), so the fan switch has no effect on non-solar installations.

4. ## PROGRAMMING YOUR THERMOSTAT

This section will help you plan your thermostat's program to meet your needs. For maximum comfort and efficiency, keep the following guidelines in mind when planning your program.

- When heating your building, program the temperature to be warmer when the electricity is cheap and cooler when the electricity is the most expensive.

- The thermostat will tend to run less during the day due to solar gain.

Planning Your Program

Ontario has three Time of Use (TOU) prices. The off-peak is when the electricity is cheapest, the on-peak is when the electricity is the most expensive, and the mid-peak is between the two. Other areas are similar - adjust as required.

The off-peak temperature setting is to be the highest temperature that you are comfortable with, and is used when the slab can be charged with cheap heat.

The on-peak temperature setting is to be the lowest temperature that you are comfortable with, and is used to minimize electricity use when the electricity is expensive. The mid-peak temperature setting is to be the temperature that you are comfortable at, and will usually be between the previous two. This setting can be adjusted to suite personal taste. Suggested settings for Ontario, also shown on the chart below:
On-peak: 18°C, from 7 AM to 11 AM and 5 PM to 7 PM
Mid-peak: 20°C from 11 AM to 5 PM (adjust temp. for comfort - extreme solar gain with low outdoor temp may require >22°C)
Off-Peak: 22°C from 7 PM to 7 AM and both weekend days

SAMPLE ONTARIO
Heating Schedule Plan (LEGALETT TOU Program), changes in red

	Period	WEEKDAYS (5 Day) Start Time	WEEKDAYS (5 Day) Temp	SATURDAY (1 Day) Start Time	SATURDAY (1 Day) Temp	SUNDAY (1 Day) Start Time	SUNDAY (1 Day) Temp
HEAT	1ST	7:00 AM	18°C	6:00 AM	22°C	6:00 AM	22°C
	2ND	11:00 AM	20°C	8:00 AM	22°C	8:00 AM	22°C
	3RD	5:00 PM	18°C	5:00 PM	22°C	5:00 PM	22°C
	4TH	7:00 PM	22°C	10:00 PM	22°C	10:00 PM	22°C

Entering Your Program

Set Current Time and Day

1. Press TIME button once. The display will show the hour only.
   EXAMPLE: `12:  P`

2. Press and hold either ⌃ or ⌄ until you reach the correct hour and AM/PM designation (**AM** begins at midnight; **PM** begins at noon).

3. Press TIME once again. The display window will show the minutes only.
   EXAMPLE: `18`

4. Press and hold either ⌃ or ⌄ until you reach the correct minutes.

5. Press TIME once again. The display will show the day of the week.

6. Press ⌃ or ⌄ until you reach the current day of the week.

7. Press RUN/HOLD once. The display will show the correct time, day, room temperature and set-point temperature.

Enter Heating Program

1. Move the SYSTEM switch to **HEAT**.

2. Press PRGM once. **"Mo Tu We Th Fr"** (indicating weekday program) will appear in the display. Also displayed are the currently programmed start time for the **1st heating** period and the currently programmed temperature (flashing).

EXAMPLE: `6:00 A Mo Tu We Th Fr  1  70`

This display window shows that for the 1st weekday period, the start time is 6:00 AM, and 21°C is the programmed temperature (this example reflects factory preprogramming).

3. Press ⌃ or ⌄ to change the displayed temperature to your selected temperature for the 1st heating program period - the suggested LEGALETT setting is 18°C.

4. Press TIME once (the programmed time will flash). Press ⌃ or ⌄ until your selected time appears. The time will change in 15 minute increments. When your selected time is displayed, press TIME again to return to the change temperature mode. The Ontario setting is 7 AM.

5. Press PRGM once. The currently programmed start time and setpoint temperature for the **2nd heating** program period will appear.

6. Repeat steps 3 and 4 to select the start time and heating temperature for the 2nd heating program period as per chart.

7. Repeat steps 3 through 5 for the 3rd and 4th heating program periods as per the chart.

8. Press PRGM once. **"SA"** (indicating Saturday program) will appear in the display, along with the start time for the 1st heating period and the currently programmed temperature.

9. Repeat steps 3 through 7 to complete Saturday heating programming. Since temp. is the same, time does not matter.

10. Press PRGM once to change to **SU** (Sunday) heating programming and repeat steps 3 through 7 to complete Sunday programming. Time settings do not matter.

11. When you have completed entering your heating program, press RUN/HOLD.

5. ## CHECK YOUR PROGRAMMING

Follow these steps to check your thermostat programming one final time before beginning thermostat operation.

1. Move SYSTEM switch to **HEAT** position (if not already).

2. Press PRGM to view the 1st weekday heating period time and temperature. Each time you press PRGM, the next heating period time and temperature will be displayed in sequence for weekday, then Saturday and Sunday program

3. Press RUN/HOLD to begin program operation.

YOUR THERMOSTAT IS NOW PROGRAMMED AND READY TO PROVIDE MAXIMUM COMFORT AND EFFICIENCY!

- **TEMPERATURE OVERRIDE (TEMPORARY HOLD)** — Press ⌃ or ⌄ until the temperature you want is displayed. The thermostat will override current programming and keep the room temperature at the selected temperature for 2 hours or until the next program period begins. Then the thermostat will automatically revert to the program.