Observer™
COMMUNICATING CONTROL

Communicating Wall Control
Owner's Manual
TSTAT0101SC

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Quick reference

CONGRATULATIONS! Your decision to choose the Observer™ Control puts you in a select group of homeowners who understand the value of precise comfort control and appreciate the simplicity of an easy-to-use, intuitive, control.

Your new Observer Control offers high quality comfort technology. Please take a few moments to review this manual. Set up a comfort schedule that makes sense for your lifestyle; then relax and enjoy the new comfort of your home!

Set Day and Time

To set the current time and date, press **SETUP**; then press **TIME/DATE**.

Set Date / Time

Under date, you can select the month, day, or year buttons; then use the ▲ and ▼ to select the appropriate date.

Under time, you can select the hour, minute, and am/pm; then use the ▲ and ▼ to select the appropriate time.

You also have the option of selecting between a **12 HR** or **24 HR** clock format.
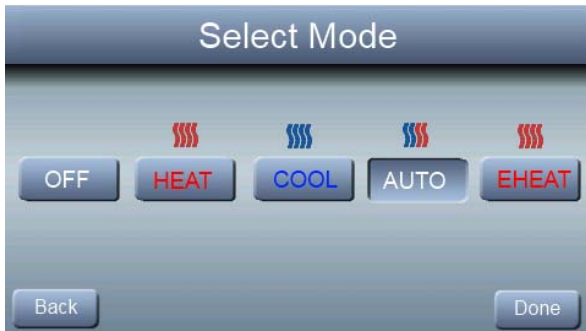
Finally, you can choose whether you observe day light savings time by pressing the **ON** or **OFF** button. Press **DONE** to save and exit the information that you have entered.

Normal Operation

System Mode

Press **MODE** to select the desired system mode;.

Off: Heating and cooling systems are off

Auto: Observer Control automatically selects heating or cooling to maintain your comfort during transitional heating and cooling seasons

Heat: Observer Control operates only the heating system

Cool: Observer Control operates only the cooling system

Emergency Heat: Only electric heat will be used for heating (only for heat pump with auxiliary heat)

Adjusting Temperature (Temporary Hold)

The Observer Control allows you to adjust the indoor temperature at any time, overriding the programmed schedule

Heating

To change the heating set point, press **HEAT TO**; then use the ▲ and ▼ buttons to set the desired temperature.

An override time will be displayed on the right side of the screen. You can change the override time in 15-minute increments by pressing the arrows below the time. When you have completed your changes, press **DONE**.

Cooling

To change the cooling set point, press **COOL TO**; then use the arrow buttons to set the desired temperature.

An override time will be displayed on the right side of the screen. You can change the override time in 15-minute increments by pressing the arrows below the time. When you have completed your changes, press **DONE**.

Fan Setting

The Observer Control allows you to adjust the fan speed during continuous fan operation.

Select Fan Mode

AUTO   LOW   MED   HIGH

Cancel   Done

Press **FAN**, then select the desired fan speed; then press **DONE**

LOW,   MEDIUM,   HIGH

AUTO: Fan only runs when the heating or cooling system is running

Hold Current Temperature

The Observer Control allows you to maintain your current temperature by overriding the program schedule. Press the **HOLD** button to override the program and maintain your current indoor temperate setting indefinitely.

To go back to your programmed schedule, simply press the **RESUME** button.

Screen Cleaning & Brightness

Press **SETUP**; then press **SCREEN**. You will have the option to adjust the screen brightness by pressing the **ADJUST BRIGHTNESS** button. Use the ▲ and ▼ buttons to select your desired screen brightness. Press **DONE** to return to normal operation.

To clean your screen, press the **CLEAN SCREEN** button. The screen will remain locked for 30 seconds to allow you to clean the display without changing settings. After 30 seconds, the screen will return to the main screen and become active.

Screen Cleaning

You can now clean the screen. The touchscreen is inactive. When the counter reaches zero, the screen will return to the home active screen and be active.

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Keypad Lock

You can lock the Observer Control to help avoid inadvertent changes to your settings.

Press **SETUP**; then press **LOCKOUT**. To enable the lockout feature, press the **ON** button. After you have enabled the lockout feature, please select a 4-digit code to be used to unlock the Observer Control. Press **DONE** to return to normal operation.

Select 4-digit lock code

| 0 | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 |

Code:

Cancel   Clear   Done

Once the lockout feature is active, to unlock the screen press anywhere on the screen to be prompted to enter your 4-digit code. If your 4-digit code is entered successfully, the screen will show a validation message and return you to the main screen. If your code is incorrect, the screen will show an unsuccessful message and return you to the main screen to try again. .

Reminders

Reminder messages alert you to when it is time to replace your filter. When your alert appears on the screen, press the **REMINDER** button. After you have replaced your filter hit the

RESET button to start the clock on your next replacement. After you press **RESET**, press **DONE** to return to normal operation.

Reminder

Change Filter in: 3200 Hours   Reset

Back   Done
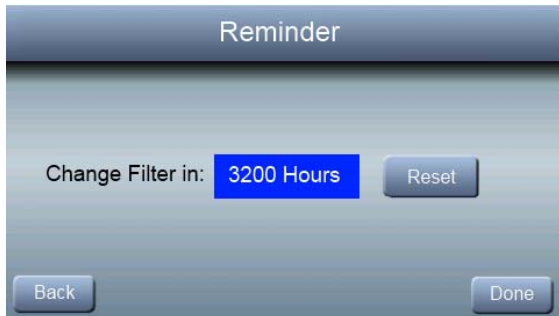
Humidity Settings

The Observer Control allows you to manually set your humidity set points to me your comfort levels.

If you have a humidifier installed, press **SETUP**; then press **HUMIDITY**. Under HUMIDIFICATION, use the ▲ and ▼ buttons to select your desired humidity level during heating mode. Press **DONE** to return to normal operation.

During warm weather periods, under DEHUMIDIFICATION, use the ▲ and ▼ buttons to select your desired humidity level during cooling mode. Press **DONE** to return to normal operation.

Programming

Determine Your Comfort Schedule

Before you program your Observer Control, take a moment to plan your comfort schedule. Each day is divided into four time periods: WAKE, DAY, EVE, and SLEEP. You can select a different heating and cooling temperature for each time period, based on your daily or weekly schedule.

Programming Your Comfort Schedule

The Observer Control gives you flexibility in how to create your comfort schedule. You can choose one schedule for all days; create a schedule for your work week and the weekend; or you can make every day different.
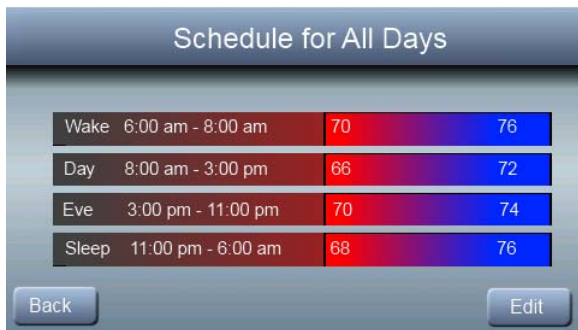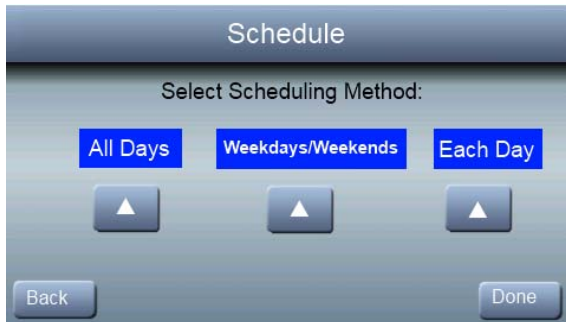
One Schedule for All Days

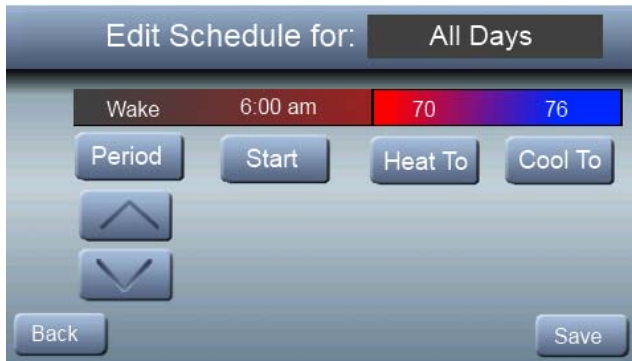You can create on schedule for all seven days in the week.

1. Press **SETUP**, then **SCHEDULE**

2. Press ▲ under "All Days", then press **EDIT**.

Schedule
Select Scheduling Method:

All Days	Weekdays/Weekends	Each Day
▲	▲	▲

Back   Done

Schedule for All Days

Wake	6:00 am - 8:00 am	70	76
Day	8:00 am - 3:00 pm	66	72
Eve	3:00 pm - 11:00 pm	70	74
Sleep	11:00 pm - 6:00 am	68	76

Back   Edit

3. Press **PERIOD**; then use the ▲ or ▼ to select the period to change.

Edit Schedule for:	All Days		
Wake	6:00 am	70	76
Period	Start	Heat To	Cool To

4. Press **START**; then use the ▲ or ▼ to change the time the corresponding period starts.

5. Press **HEAT TO**; then use the ▲ or ▼ to change the desired heating temperature for that period.

6. Press **COOL TO**; then use the ▲ or ▼ to change the desired heating temperature for that period.

7. Press **SAVE** to save your new schedule and exit (or press **CANCEL** to exit without saving.)

Weekday/Weekend

You can create a schedule for your work week and a separate schedule for the weekend.

1. Press **SETUP**, then **SCHEDULE**

2. Press ▲ under "Weekday/Weekend"; then press **EDIT** to modify the weekday schedule. To modify the weekend schedule, press the **WEEKEND** button.

Schedule

Select Scheduling Method:

All Days	Weekdays/Weekends	Each Day
▲	▲	▲

Back   Done

Weekday/Weekend Schedule

Weekday

| Wake	6:00 am - 8:00 am	70	76
Day	8:00 am - 3:00 pm	66	72
Eve	3:00 pm - 11:00 pm	70	74
Sleep	11:00 pm - 6:00 am	68	76

Back   Weekend   Edit
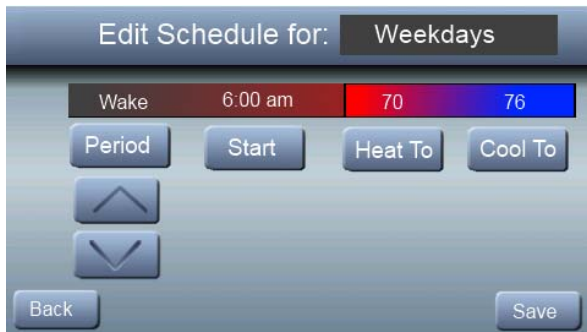
3. Press **PERIOD**; then use the ▲ or ▼ to select the period to change.

4. Press **START**; then use the ▲ or ▼ to change the time the corresponding period starts.

5. Press **HEAT TO**; then use the ▲ or ▼ to change the desired heating temperature for that period.

6. Press **COOL TO**; then use the ▲ or ▼ to change the desired heating temperature for that period.

7. Press **SAVE** to save your new schedule and exit (or press **CANCEL** to exit without saving.)
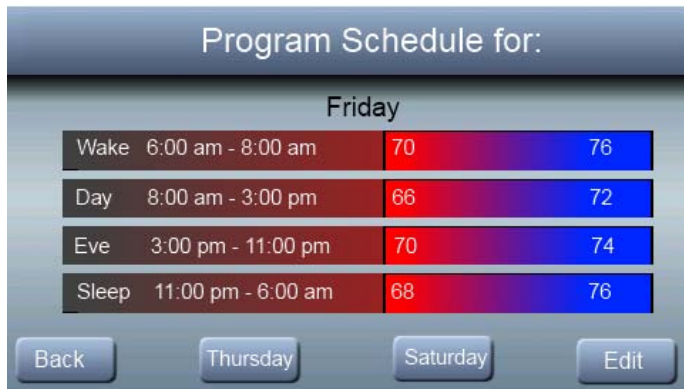
Each Day

You can create a different schedule for each day of the week.
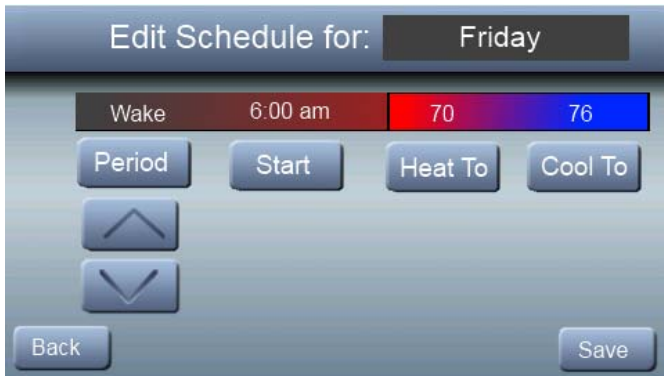
1. Press **SETUP**, then **SCHEDULE**
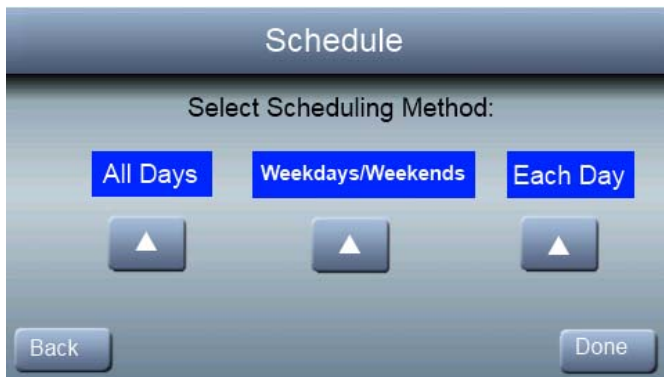
2. Press ▲ under "Each Day"; then press **EDIT** to modify the schedule for that day. To modify a different day, press one of the day buttons on the bottom to scroll through the week to find the day you wish to change.

Program Schedule for:			
Friday			
Wake 6:00 am - 8:00 am		70	76
Day 8:00 am - 3:00 pm		66	72
Eve 3:00 pm - 11:00 pm		70	74
Sleep 11:00 pm - 6:00 am		68	76
Back	Thursday	Saturday	Edit

3. Press **PERIOD**; then use the ▲ or ▼ to select the period to change.

4. Press **START**; then use the ▲ or ▼ to change the time the corresponding period starts.

5. Press **HEAT TO**; then use the ▲ or ▼ to change the desired heating temperature for that period.

6. Press **COOL TO**; then use the ▲ or ▼ to change the desired heating temperature for that period.

7. Press **SAVE** to save your new schedule and exit (or press **CANCEL** to exit without saving.)