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Need Assistance?

For assistance with this product please visit http://www.yorkupg.com

Read and Save This Manual
ABOUT YOUR COMMUNICATING CONTROL

FEATURES

• **Large, Clear Display with Backlighting** – current temperature and temperature setpoint are easy-to-read and are displayed on the home screen.
• **Intuitive Programming** – guides you through the scheduling process.
• **Ability to Copy Multiple Days** – allows you to easily customize the Communicating Control for your unique schedule.
• **Real-Time Clock** – keeps time during power failure; automatically updates for daylight savings.
• **Precise Temperature Control (+/- 1°F) (+/- .5°C)** – reliable, consistent comfort.
• **Multiple Schedule Hold/Override options** – allow you to modify schedule indefinitely or for a specific time.
• **Change Reminders** – reminds you to replace and maintain air filters, humidifier pad, UV bulbs, and/or Electronic Air Cleaner filters.
• **OutdoorTemperature Indication** – shows current outdoor temperature on the display to help you plan outdoor activities.

NOTICE

*The Home and Menu screen may differ slightly, depending on your heating and/or cooling system and the Communicating Control’s display settings.*
QUICK REFERENCE

Your new Communicating Control is preset to Non-Programmable View/Mode.

To change the View Mode:

- **Step 1** - Press **Menu** in the bottom right corner of your screen.
- **Step 2** - Press **Settings** icon.
- **Step 3** - Press **View/Mode** icon.
- **Step 4** - Select **Non-Programmable**, **Programmable** or **Advanced Programmable**.

The quick reference guide for each View/Mode is detailed in Figures 1-3.

**FIGURE 1**: Non-Programmable Mode
**FIGURE 2:** Programmable Mode

**FIGURE 3:** Advanced Programmable
PROGRAMMING & OPERATION

DATE & TIME SETTINGS

Step 1 - Press Menu in the bottom right corner of your screen.

Step 2 - Press Settings icon.

Step 3 - Press Date/Time icon.

Step 4 - Select Date - current month, day and year.
Step 5 - Select Clock - current hour, minutes and AM or PM.
Step 6 - Select Clock Format (12hr or 24hr).
Step 7 - Select Daylight Saving Time (Yes or No).

NOTE: 2007 and beyond, for areas that use the new 2007 DST calendar.
Step 8 - Press OK when you are done.
WIRELESS SETUP

From main screen select Menu/Tools/Wireless

Step 1 - Press **Menu** in the bottom right corner of your screen.

Step 2 - Press **Tools** icon.

Step 3 - Press **Wireless** icon.
Touch Screen must be connected to router before you can register the device.

- For secured networks requiring a password a lock will be present.
- Router signal strength will be shown once connected.

**Step 1** - Press select **Menu**, select **Tools**, select **Wireless**.

**Step 2** - Press **Refresh Wireless Network** icon.

**Step 3** - Select wireless network with **Up/Down** arrows.

**Step 4** - Select **Connect**.

**Step 5** - If network is secure, type in password.

**Step 6** - Connected to network.

**Step 7** - The Registration screen will appear with the populated Touch Screen Communicating Control’s unique Device ID.

You must have Router SSID Enabled to Connect with the Touch Screen Communicating Control.
Step 8 - Download IntelliComfort app from App Store or Google Play.

Step 9 - Claiming mobile device with Touch Screen Communicating Control.

- **SIGNUP, LOGIN**, pair thermostat with mobile device.

Step 10 - Press **SIGNUP** tab.

Step 11 - Enter in **Name, Email, & Password**.

Step 12 - Press **SIGNUP** tab (check registered email to verify account).

Step 13 - Press **Accept** tab.

Step 14 - Press **LOGIN**.

Step 15 - Enter in **Email, & Password**.

Step 16 - Press **LOGIN**.

Step 17 - Type in **UUID** from thermostat.

Step 18 - Press **Save** Tab.

Step 19 - Press **OK** on the Thermostat.
Step 20 - If you need to re-register the thermostat, press **Register** tab.

Step 21 - The re-register screen will appear.
- Selecting **No** will take you back to the Wireless Screen
- Selecting **Yes** will display a New Device ID

Step 22 - Touch Screen and App are connected to router.

Verify that the wireless is connected on the Home Screen and Wireless Screen
SYSTEM SETTINGS
Your Communicating Control is preset to OFF mode (neither heating or cooling modes are selected).
In Non-Programmable mode, Auto mode cannot be activated. If Auto mode is desired, change the View/Mode to either Programmable or Advanced Programmable (see page 5 for details).

- **Off mode**: Neither Heating or Cooling icons are illuminated.
- **Heat mode**: Heating icon is illuminated (red glow ring indicates heat equipment operation).
- **Cool mode**: Cooling icon is illuminated (blue glow ring indicates cool equipment operation).
- **Auto mode**: Both Heating and Cooling icons are illuminated (red/blue glow ring indicates heat/cool equipment operation).
- **Emergency Heat**: Emergency Heat button is selected via the Menu screen (only for heat pumps with electric heat strips or heat pumps with furnace).

FAN SETTINGS
In non-programmable mode, the fan setting defaults to the schedule currently active in the calendar.
In programmable mode, the fan setting defaults to schedule mode.

**Step 1** - Press **Menu** at the bottom right side of your screen.

**NOTICE**
Or press the quick access Fan icon on the right side of your screen.
HUMIDITY SETTINGS

In non-programmable mode, your Communicating Control humidity setting defaults to auto mode. In programmable mode, the humidity setting defaults to schedule mode.

Step 1 - Press Menu.

NOTE: Or press the quick access Humidity icon on the right side of your screen.

Step 2 - Press Humidity icon.

Step 3 - Select the Humidity mode.
  a. Humidification – Select the Heat mode symbol.
  b. Dehumidification – Select the Cool mode symbol.

Step 4 - Select Humidity function.
  a. Auto – Automatically sets the humidity setpoint based on indoor temperature.
     i. Select your desired indoor humidity percentage level.

NOTE: If you start seeing condensation building up on your windows, lower the humidity setpoint or switch to auto mode.
  c. Schedule – Follows program schedule humidity settings (See Page 9 for more information).

NOTE: Schedule option is only available in programmable modes.

Step 5 - Select check box to display humidity information on home screen.

Step 6 - Press OK when you are done.

Step 2 - Press Fan icon.

Step 3 - Select the Fan function.
  a. Auto – runs only with equipment.
  b. Manual – runs intermittently to circulate air.

NOTE: Manual mode is not available for all systems.
  i. Adjust the speed of your fan motor.

NOTE: The lower the speed the less electricity consumed.
  ii. Select the fan run time. Choices are 15, 30, and 45 minutes per hour or Always.
  c. Schedule – follows program schedule fan settings (see Page 9 for more information).

NOTE: Schedule option is only available in programmable modes.

Step 4 - Select check box to display fan icon on home screen.

Step 5 - Press OK when you are done.
SMART RECOVERY

Your Communicating Control comes with a feature called Smart Recovery, which eliminates all guesswork when setting your program schedule.

How long does it take the furnace to warm your house in the morning before you get out of bed or how long does it take the air conditioner to cool your house in the afternoon before you return from work? The Communicating Control determines the equipment start time to satisfy your desired temperature setpoint.

Simply set your program schedule to the time you want the house to be at your comfort temperature. The Communicating Control then turns on the heating or cooling at just the right time to have your home reach your comfort temperature at your scheduled time.

For example: you get out of bed at 6:00 AM and want the temperature to be 70°F. Set the Awake period for 6:00 AM and 70°F. The Communicating Control will turn on the heat before 6:00 AM to raise the temperature to 70°F by 6:00 AM.

ENERGY SAVER SETTINGS

Energy Saver feature allows you to program your system for maximum energy savings. You can choose from two, three or four time periods each day, with different settings for each day.

This Communicating Control is preset to use Energy Saver program settings. These settings would help reduce your heating/cooling expenses.

<table>
<thead>
<tr>
<th></th>
<th>Heat</th>
<th>Cool</th>
<th>Fan Setting</th>
<th>Setpoints</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aw ake (6:00 AM)</td>
<td>70°</td>
<td>78°</td>
<td>Auto</td>
<td>Hum</td>
</tr>
<tr>
<td>Day (8:00 AM)</td>
<td>62°</td>
<td>85°</td>
<td>Auto</td>
<td>Dehum</td>
</tr>
<tr>
<td>Return (5:00 PM)</td>
<td>70°</td>
<td>78°</td>
<td>Auto</td>
<td></td>
</tr>
<tr>
<td>Sleep (10:00 PM)</td>
<td>62°</td>
<td>82°</td>
<td>Auto</td>
<td></td>
</tr>
</tbody>
</table>

USING PROGRAM SCHEDULES

In a Non-Programmable mode, adjusting program schedule cannot be done.

NOTICE

In order to edit or run a program schedule, change the View/Mode to either Programmable or Advanced Programmable (see page 3 for details).

Step 1 - Press Menu.
Step 2 - Press Schedule icon.
Program Schedule Options

Step 3 - Press:
   a. The **New**, **Edit** or **Copy** icons to create a new or edit an existing schedule. Refer Page 9.
   b. The **Delete** icon to delete an existing schedule. Refer Page 12.
   c. The **Viewer** icon to view existing schedule summaries. Refer Page 12.
   d. The **import/export** icon to import or export a program schedule. Refer to Page 12.
   e. The **Assign to Calendar** icon to assign an existing schedule to the calendar. Refer Page 12.

Creating New or Editing/Copying an Existing Schedule

**Name**

Step 1 - Press **Edit** icon.
   a. Use the keyboard to name the schedule.
   b. Press **OK**.

Step 2 - Press **Next**.

**Day**

Step 3 - Select **Day** to set schedule.

Step 4 - Press **Next**.

Step 5 - Each program schedule is identified by a color. Color shades represent unique program schedule settings.

**Time**

Step 6 - Select Number of Events (2, 3 or 4 events per day).

Step 7 - Select **Event** to set start time.

Step 8 - Adjust time that corresponds to the event.

Step 9 - Repeat steps 6-7 to select start time for other events.

Step 10 - Press **Next**.
Temperature

**Step 11** - Select Event to edit temperature set-points.

**Step 12** - Adjust your Heating and Cooling set-points.

**Step 13** - Select OK.

**Step 14** - Repeat steps 10-12 to program temperature for other events.

**Step 15** - Press Next.

Fan

**Step 16** - Select Event to edit fan settings.

**Step 17** - Select the Fan function.
   a. Auto
   b. Manual

**NOTE:** Manual mode is not available for all systems.

   i. Adjust the speed of your fan motor.

**NOTE:** The lower the speed the less electricity consumed.

   ii. Select the fan run time. Choices are 15, 30, and 45 minutes per hour or Always.

**Step 18** - Select OK.

**Step 19** - Repeat steps 15-17 to select fan mode for other events.

**Step 20** - Press Next.
**Humidity**

**Step 21** - Select the Humidity mode.
- **Humidification** – select the Heat mode symbol.
- **Dehumidification** – select the Cool mode symbol.

**Step 22** - Select the Humidity function.
- **Auto** – automatically sets the humidity setpoint based on indoor temperature.
- **Manual** – manually set the humidity setpoint.
  - i. Select your desired indoor humidity percentage level.

**NOTE:** Auto mode requires an outdoor sensor.

**Step 23** - Press Next.
**NOTE:** Steps 3-22 illustrate how to set a single day’s program schedule. You can copy this day to subsequent days (see **Copy Day** section below), or set another day by repeating steps 3-22.

**Copy Day**

**Step 24** - Press Copy.

**Step 25** - Select individual days, **Weekdays**, **Weekend** or **Everyday**.

**Step 26** - Press OK.

**Step 27** - Repeat steps 23-25 to copy settings to other days.

**Saving a Program Schedule**

**Step 28** - Select **Save + Quit**.
Deleting an Existing Program Schedule

Step 1 - Press Yes.

Viewing an Existing Program Schedule

Step 1 - Select Schedule to view by pressing left or right arrows.
Step 2 - Select Day to view.
Step 3 - Press Close.

Importing / Exporting Program Schedules

Step 1 - Select Import or Export functionality.
For Import
Step 2 - Insert the USB into the bottom of the thermostat when prompted.
Step 3 - When prompted that import is complete, remove USB from drive.
Step 4 - Select OK after import is complete.
For Export
Step 2 - Insert the USB into the bottom of the thermostat when prompted.
Step 3 - When prompted that export is complete, remove USB from drive.
Step 4 - Select OK after export is complete.

Assigning Program Schedules to Calendar

Step 1 - Select Schedule to assign to calendar by pressing up or down arrows.
Step 2 - Select individual months, Seasons, or All Year.
Step 3 - Repeat steps 1-2 for each schedule's calendar assignment.
Step 4 - Press Done.
NOTE: In order to run a program schedule, it must be assigned to the calendar.
TEMPERATURE OVERRIDE
Programmable Mode

1. Press **temperature adjustment arrows** either up or down until the desired override temperature setpoint is shown.
2. Press **Pick Duration** button.
3. Select the duration for running the temperature override.
   a. Until **Cancelled** – holds temperature until cancelled.
   b. Until specific **Date & Time** – holds temperature until specified date and time.
   c. Until program schedule **Next Event** – hold temperature until next schedule event.

Advanced Programmable Mode

1. Press **Thermometer** icon.
2. Use the **slider** to set the desired override temperature.
3. Press **Pick Duration** button.
4. Select the duration for running the temperature override.
   a. Until **Cancelled** – holds temperature until cancelled.
   b. Until specific **Date & Time** – holds temperature until specified date and time.
   c. Until program schedule **Next Event** – hold temperature until next schedule event.
Quick Heat / Quick Cool
1. Press Thermometer icon.
2. Select Quick Heat / Quick Cool icon – runs heat/cool equipment at maximum capacity for 10 minutes.

SCHEDULE OVERRIDE

Advanced Programmable Mode
1. Press Schedule icon.
2. Select:
   a. The current program schedule (NOW) event to extend the duration.
   b. The desired program schedule ( OVERRIDE) event to override with a future event.
   c. The Set Vacation to setup a Vacation Override.

Extend Current Program Schedule Event

To extend the current program schedule event's settings (temperature, fan, and humidity) beyond the scheduled event time, perform the following:

Step 1 - Select current program schedule event (NOW shown in highlighted box).
Step 2 - Press OK.
Step 3 - Select the duration for running the schedule override.
Step 4 - Until Cancelled – permanent hold.
   a. Until specific Date & Time.
   b. Until program schedule Next Event.

Change to Future Program Schedule Event

Arrive home from work early? To initiate a future program schedule event's settings (temperature, fan, and humidity) prior to the scheduled event time, perform the following:

Step 1 - Select desired program schedule event (OVERRIDE shown in highlighted box).
Step 2 - Press OK.
Vacation Override

Step 1 - Select number of Days or

Step 2 - Select Vacation Dates:
  a. Leave Date - current month, day and year.
  b. Return Date - current month, day and year.
  c. Press Next.

Step 3 - Adjust your Heating and Cooling set-points.

Step 4 - Press Next.

Step 5 - Adjust your Fan setting.

Step 6 - Press Next.

Step 7 - Adjust your Humidity settings.

Step 8 - Press Done.

Step 9 - Press OK.

SPECIAL FEATURES

Equipment Status

Equipment Status feature is used to help you understand your heating and cooling system better. Here are some of the highlights of this feature.
**Equipment Conditions**

Using the system map, you can determine your equipment conditions. The color **GREEN** means your equipment is performing as expected without any concerns. **YELLOW**, that particular piece of equipment requires some attention but not urgently. When equipment status is highlighted in **RED**, it needs immediate attention. Equipment marked in a **GRAY** color is not installed and is offered to maximize your comfort and indoor air quality. For more information on equipment highlighted in **GRAY** color, contact your installing dealer for more details.

**Equipment Operational State**

For detailed information on the current operational state of your heating or cooling equipment, you can refer to the Equipment Status screen. It displays status information about your indoor unit (air handler or furnace) and your outdoor unit (heat pump or air conditioner) at any given time.

**NOTICE**

*Not all equipment information is shown for all systems.*

**Equipment Service Reminders**

This feature displays an alert to remind you to change the air filter, humidifier pad, UV lamps or service your electronic air cleaner. To activate, follow these steps.

1. Press **Menu**.
2. Press **Status** icon.

1. Press **Menu**.
2. Press **Settings** icon.
3. Press **Maintenance** icon.
4. **Air Filter**, select either **Cumulative Hours** or **Months**. Adjust the period per the manufacturer recommendation.
5. **Humidifier Pad**, select either **Cumulative Hours** or **Months**. Adjust the period per the manufacturer recommendation.

6. Using the bar to the right of the screen, scroll down to view other equipment.

7. **UV Lamps**, select either **Cumulative Hours** or **Months**. Adjust the period per the manufacturer recommendation.

8. **Electronic Air Cleaner**, select either **Cumulative Hours** or **Months**. Adjust the period per the manufacturer recommendation.

9. Press **OK** when you are done.

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**Expired Service Reminders**

1. Select Details.

   1. Select action for expired Service reminder.
      a. **Reset** – reset service alert timer.
      b. **Remind Later** – specify days to notify later.

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**A. Reset**

**Step 1** - After replacing consumable, select **YES** to reset the reminder timer.

**Step 2** - Press **OK**.
Trilingual Communicating Control
Your Communicating Control’s language is preset to English. It comes equipped with 2 other languages to choose from. To switch to a different language, follow these steps.

1. Press **Menu**.
2. Press **Settings** icon.
3. Press **Language** icon.
4. Make your language selection.
5. Press **OK**.

Temperature Format
Your Communicating Control’s temperature format is preset to Fahrenheit. To switch to Celsius temperature format, follow these steps.

1. Press **Menu**.
2. Press **Settings** icon.
3. Press **Temp F/C** icon.
4. Make your temperature format selection.
5. Press **OK**.

Dealer Contact Information
Your installer dealer/contractor contact information can be stored in your Communicating Control. To view your dealer/contractor contact information, follow these steps.

1. Press **Menu**.
2. Press **Dealer** icon.
Screen Lock

To prevent tampering with your Communicating Control, the screen can be fully locked. To activate the screen security setting, follow these steps:

1. Press Screen Lock button on the Home screen or

3. Press ON icon to activate screen lock settings.
4. Press OK.
   a. You will be prompted to enter your new PIN number if you have not already done so.

5. Press OK.
Your screen security is now activated. Make sure you remember your pin number.
Screen Cleaning

1. Press **Menu**.

2. Press **Clean** icon to lock the screen for cleaning. The screen will remain locked for 15 seconds to allow you to clean the screen without changing any settings. After 15 seconds, normal screen operation will resume. If more time is needed for cleaning, repeat steps 1 and 2 above.

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**NOTICE**

*Do not spray any liquid directly on the thermostat. Spray liquids onto a cloth, and then use the damp cloth to clean the screen. Use water or household glass cleaner. Do not use abrasive cleansers.*

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**APPENDIX**

Frequently Asked Questions and Answers.

**Q:** Next to Fan on the Home screen, Auto or On is shown. What does this mean?

**A:** The Fan is set for Auto (to run with equipment) or On (to circulate air in your home). See “Fan Settings” on page 9 for more information.

**Q:** Why doesn’t the Communicating Control respond when I touch the keys?

**A:** Check to determine if the screen is in the Locked or Clean mode. See “Screen Lock” on page 28 or “Screen Cleaning” on page 29.