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IT801 Web-Programmable Thermostat Manual

Thermostat Applications Guide

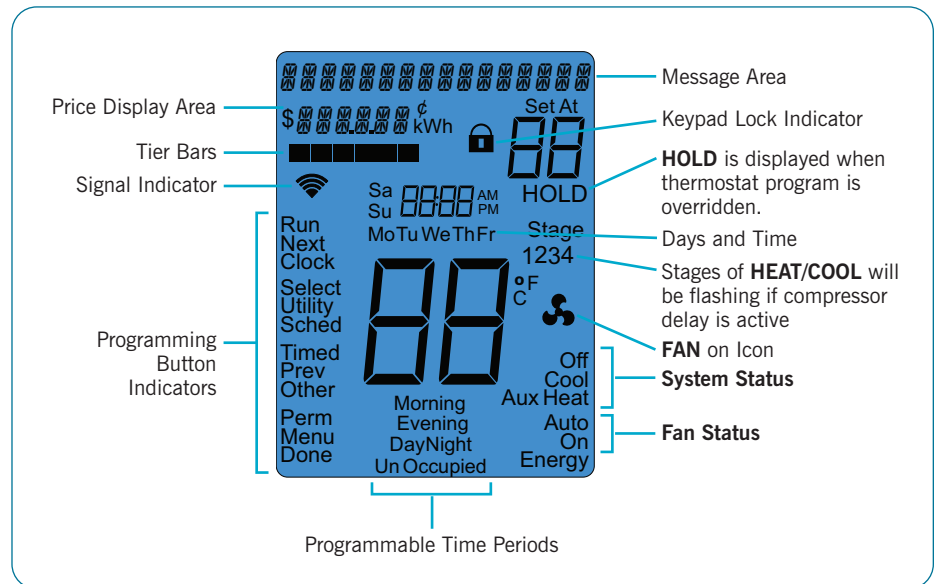| Description	
Gas or Oil Heat	Yes
Electric Furnace	Yes
Heat Pump (No Aux. or Emergency Heat)	Yes
Heat Pump (with Aux. or Emergency Heat)	Yes
Multi-stage Systems	Yes
Heat Only Systems	Yes
Cool Only Systems	Yes
Millivolt	Yes
Two Wire Hydronic	Yes
Dual Fuel Systems	Yes

Power Type

24 VAC Hardwire

NOTE:

This thermostat requires a common (C) connection to operate. Ensure that there is a wire from the 24VAC common terminal in the air handler to the thermostat. If there are not enough wires for the C connection, either add additional wiring or use an Add-A-Wire kit.

Getting to know your thermostat
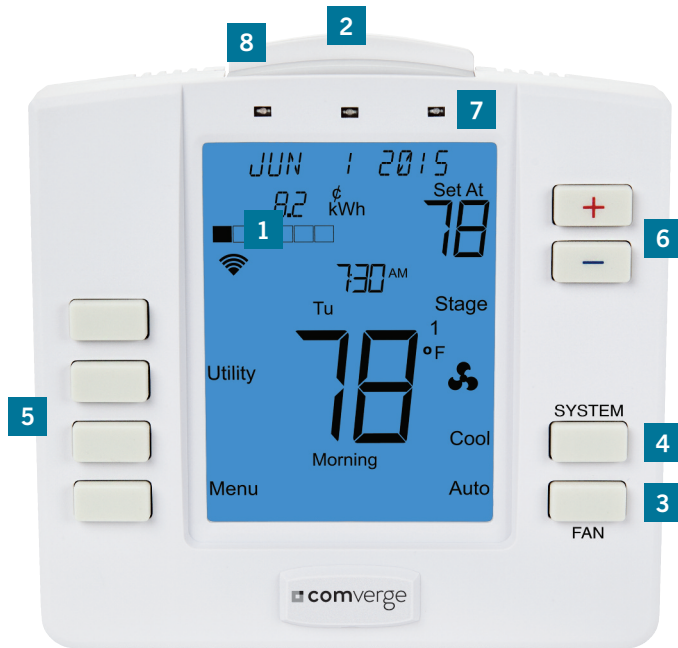
1	LCD (Below)
2	Nightlight
3	Fan Button
4	System Button
5	User Program Buttons
6	Temperature Setpoint Buttons
7	LEDs
8	Module Slot

Message Area
Keypad Lock Indicator
HOLD is displayed when thermostat program is overridden.
Days and Time
Stages of **HEAT/COOL** will be flashing if compressor delay is active
FAN on Icon
System Status
Fan Status

Price Display Area
Tier Bars
Signal Indicator
Programming Button Indicators
Programmable Time Periods

Module Slot

The module slot is the housing for the communications radio module that allows your thermostat to communicate to your utility.

Set Program

The IntelliTEMP DirectLink is shipped with an energy-saving schedule pre-programmed. You can customize this default program by following the steps below if the pre-programmed schedule is not ideal for your needs.

Set Program Schedule

1. From the main operating screen, press **MENU**.

2. Press **SCHED**.
   NOTE: Mo is displayed to indicate that Monday's Time of Day (TOD) schedule is selected. HEAT is displayed to indicate that the heat mode programming is selected. The first TOD period* for your configuration is displayed to indicate the TOD period being programmed.
   NOTE: To program the **COOL** schedule, press the **SYSTEM** button until **COOL** is displayed and follow steps 3 through 10.

3. Time is flashing to indicate it is the value to be changed. Use the [+] or [−] key to make your time selection.

4. Press **NEXT** to advance to the setpoint for the TOD period.

5. The setpoint is flashing to indicate it is the value to be changed. Use the [+] or [−] key to make your setpoint selection.

6. To run the fan continuously during this TOD period, press the **FAN** key to change the setting from AUTO to ON.

7. Press **NEXT** to advance to the next TOD period.

8. Repeat steps 3 through 7 for the remaining TOD periods for that day.

9. Once all TOD periods have been programmed for the first day, repeat steps 3 through 8 for the remaining days.

10. When complete, press **DONE** to return to the main operating screen.

> **A Note about Programmable Fan:**
> The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot and cold spots in your building.

MORNING for 4 TOD, **DAY** for 2 TOD, **OCCUPIED** for Commercial thermostat setting

Programming Tip: Rather than going through all of the weekdays to modify the Sa or Su programming, you can press **PREV** after entering the schedule programming screen to jump to the end of the week and go backward through the schedule programming.

> **NOTE:**
> If the thermostat is configured for 2 TOD periods or the commercial setting is set to ON, there will only be two (2) TOD periods per day to program.

Set Clock

Follow the steps below to set the day of the week and current time:

1. Press **MENU**.

2. Press **CLOCK**.

3. Time Zone will be flashing. Use the [+] or [−] key to select the current time zone.

4. Press **NEXT**.

5. Daylight Saving Time is flashing. Use the [+] or [−] key to select **ON** or **OFF**. Press **NEXT**.

6. The current HOUR is flashing. Use the [+] or [−] key to select the current hour. When using a 12-hour clock, make sure the correct a.m. or p.m. choice is selected. Press **NEXT**.

7. The current MINUTES is flashing. Use the [+] or [−] key to select the current minutes. Press **NEXT**.

8. The current MONTH is flashing. Use the [+] or [−] key to select the current month. Press **NEXT**.

9. The current DATE is flashing. Use the [+] or [−] key to select the current date. Press **NEXT**.

10. The current YEAR is flashing. Use the [+] or [−] key to select the current year.
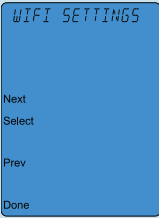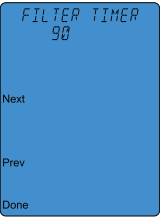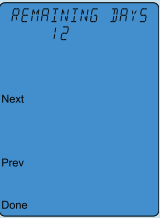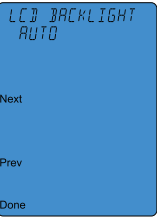
11. Press **DONE** when completed.
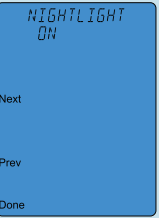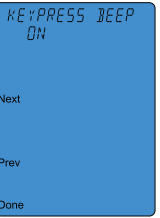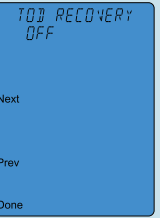
User Setup Menu

This thermostat has a user setup menu for easy user configuration. To set up the thermostat to your desired settings:

1. Press **MENU** button.

2. Press **OTHER** button to enter Setup.

3. Configure the installer options as desired using the table below:

Use the [+] or [−] button to change settings and the **NEXT** or **PREV** key to move from one option to another. **Note:** Only press **DONE** button when you want to exit the User Setup options.

User Setup Steps

| Wi-Fi Settings	Filter Timer	Reset Filter	LCD Backlight	Nightlight	Keypress Beep	TOD Recovery
This menu shows the network name (SSID) that the thermostat is connected to. This menu is also used to "RESET WI-FI" to return the thermostat to Wi-Fi configuration mode.	This is the number of days the RESET FILTER timer defaults to when it is reset by the user. NOTE: Setting this to OFF disables the filter timer and disables the RESET FILTER menu item.	This feature shows the number of days remaining until the filter countdown timer expires. The user can also reset the filter countdown timer in the menu.	This feature determines how the LCD backlight turns on.	This feature enables or disables the NIGHTLIGHT button on the top of the thermostat.	This feature turns the keypress beep indicator on or off any time a button is pressed.	This feature turns your system on before the TOD programming time to attempt to reach the setpoint at the start of the TOD period.

LCD Will Show

WIFI SETTINGS Next Select Prev Done	FILTER TIMER 90 Next Prev Done	REMAINING DAYS 12 Next Prev Done	LCD BACKLIGHT AUTO Next Prev Done	NIGHTLIGHT ON Next Prev Done	KEYPRESS BEEP ON Next Prev Done	TOD RECOVERY OFF Next Prev Done

Adjustment Options

CLIENT – Remain connected to current network RESET WI-FI – Disconnect from current Wi-Fi network and return thermostat to Wi-Fi configuration mode.	OFF – Disables filter timer and RESET FILTER menu. The filter default timer can be adjusted from 5 to 180 days in 5-day increments.	Press the [+] or [−] button to reset the filter countdown timer. Pressing NEXT, PREV or DONE when: – displaying the current countdown timer does NOT reset the filter timer – displaying the FILTER TIMER value does reset the filter timer	AUTO – Whenever any button is pressed ON – The backlight is always on MANUAL – Only when the NIGHTLIGHT button is pressed.	ON – Always on OFF – Always off	ON – Sounds a beep with every button press OFF – No beep indication	ON – Start system call prior to start of TOD period to satisfy by start of TOD period OFF – Start system call at start of TOD period

Factory Default Settings

CLIENT	90 Days		AUTO	OFF	OFF	ON

Note: To lock the keypad, hold down the [+] and [−] buttons for 3 seconds. You will see a lock in the display. To unlock the keypad hold down the [+] and [−] buttons for 3 seconds and re-enter the password.