Operation 6030

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Time Slot
Current Room Temperature
Mode Switch
Day
Time of day
Target Temperature
Touch Screen
Thermostat Mode
Program button
Menu button
Fan Switch

HEAT
OFF
COOL

FAN
ON
AUTO

MENU

PROG

Mo
12:32 AM
78 °F .5
78.5 °F
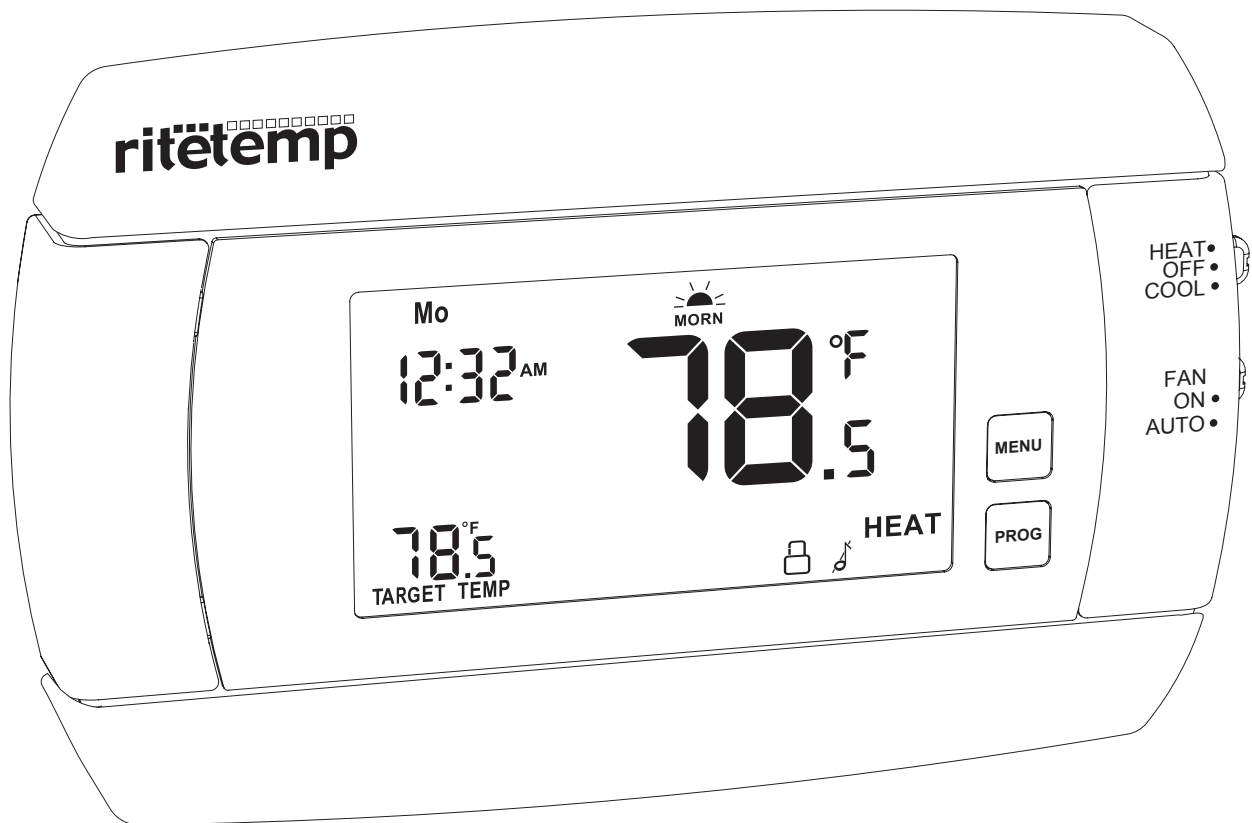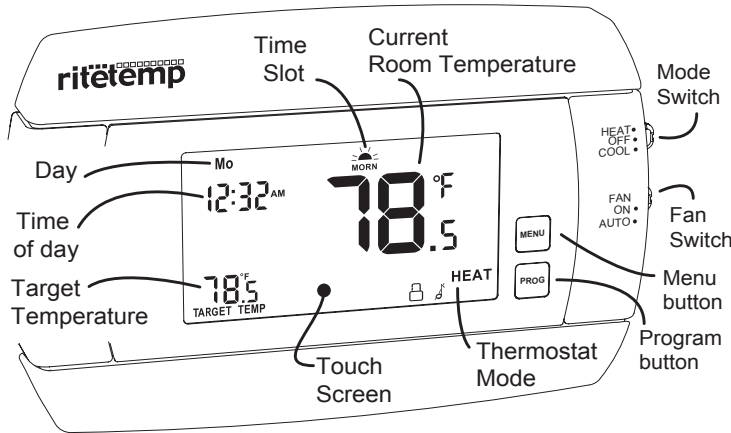TARGET TEMP
HEAT
MORN

Statement of use: The 6030 can be used with millivolt, 24VAC, single and 2 stage conventional systems, gas/oil/electric heat, 1 stage heat pumps, 2 stage heat pumps, zoned hot water (2 or 3 wire), zoned forced air, single and 2 stage cooling and hybrid systems.

Using a TOUCH SCREEN

Please take a moment to try out your touch screen itself.

To select a function on the touch screen, place your finger on the main temp display and give a short firm push. Try a "tap" of the finger or stylus. Your input must last long enough for the system to determine it is not an accidental 'bump'.

Using the stylus is more comfortable for some users. Again allow the system enough time to recognize your inputs.
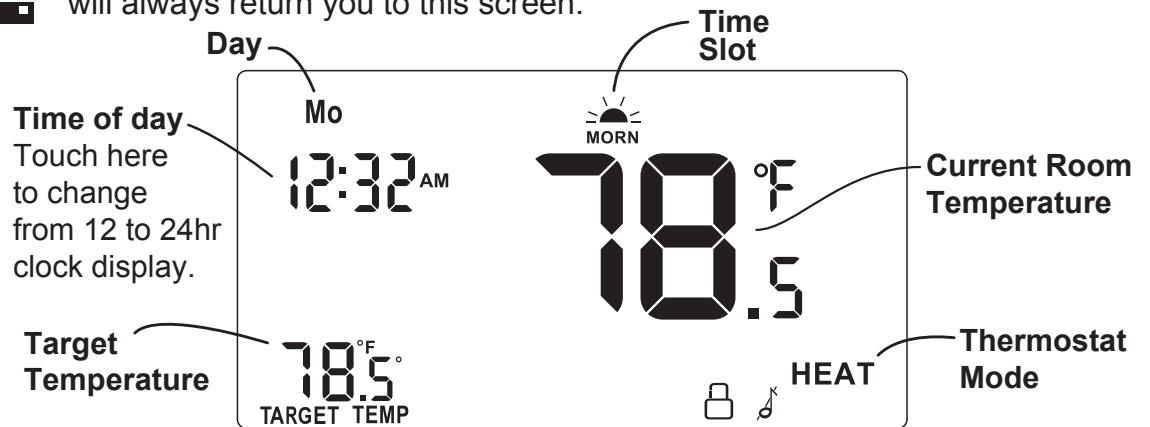
When you are comfortable with touch inputs, proceed.

PG 1

Basic Screens

The **MODE SWITCH** of the 6030 must be in the **HEAT** or the **COOL** position to access all control functions. The 6030 Thermostat has 3 basic screens.

The **HOME** screen is displayed when unit is operating your system.

Touching the 🏠 will always return you to this screen.

Day
Time Slot
Time of day
Touch here to change from 12 to 24hr clock display.
Current Room Temperature
Target Temperature
Thermostat Mode
Chirp indicator

Mo
12:32 AM
MORN
78 °F .5
78.5 °F .
TARGET TEMP
HEAT

🏠 HOME screen

PG 2

MENU screen
Displayed when the MENU button is pressed.

Set Day
Touch this area to set the day of the week.

Set °C -°F
Touch this to set temperature display.

Return HOME

Set Time
Touch this area to set the time of day.
Left arrow goes back, right arrow goes forward.

Mo

12:36 AM

SWING

°F

FILTER

Temperature Swing set

▲-T FACTOR
0 °F

CALIBRATE DISPLAY

Calibration control
Use this to calibrate your LCD display match to another thermometer.

Filter Timer set

Calibration indicator
This shows if you have altered the calibration of your unit

Lock Program
Touch for 5 sec to lock or unlock

Chirp set
Touch this to turn the audible chirp on or off.

PROGRAM screen
Displayed when the PROGRAM button is pressed.

Set Program Day
Touch this area to set the day of the week you want to program Target Temps for.

Set Time Slot
Touch this area to set the Time Slot you want to program.

Return HOME
When programming is complete touch this to run your program.

Set Program Time
Touch this area to set the time of day you want each time period to start.
Left arrow goes back, right arrow goes forward.

We

8:00 AM

DAY

78 °F

TEMP

COPY

Temp Up / Temp Down arrows.
Touch these to raise and lower each Target Temp.

Copy
Touch this area to copy current program to the next day

REVIEW

EPA

EPA
Touch and hold for 4 sec to return to EPA Energy-Star prog

Review
touch this area to auto cycle through your program

Configure

NOTE: The Mode Switch must be in **HEAT** or **COOL** mode to configure.

Press MENU to configure the thermostat (from HOME screen).
Set day of the week -
Touch the **Day of the week** area to cycle through the days of the week to select the current day.

Su Mo Tu We Th Fr Sa

Set time of day -
Touch the **Time of Day** arrows to move the time selection forward or backward until it displays the current time. Touch and hold for faster setting.
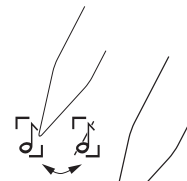
◄ 11:86 AM ►

Backward   Forward

Set °C -°F display
Touch the **°F** and it will toggle to **°C.**

°F   °C

Set audible chirp -
Touch the the musical note icon to select the chirp or no chirp.

EPA - Touch and hold for 4 sec to return to EPA Energy-Star program

EPA

Return HOME by touching the home icon.

Auto-run

This Thermostat comes preprogrammed with an Energy-Star™ approved program. This program is recommended by the EPA for energy efficiency.

We strongly recommend that you Auto-Run this program for one week, and see if it works for you. If it does not fit your needs you can always input a custom program.

• To Auto-Run the Energy-StarTM program, select HEAT or COOL with the mode switch. The unit is now running the Energy-StarTM program.

• The clock is displayed on the left. The ambient temperature is displayed in the the center of the LCD touch screen. The TIME SLOT icon indicates the TIME SLOT active in the Energy-StarTm program.

• The programmed temperature is shown on the lower right. For program details refer to the Energy-Star™ program chart below.

EPA	MORN	DAY	EVEN	NITE		MORN	DAY	EVEN	NITE
HEAT	6:00am	8:00am	6:00pm	10:00pm	**COOL**	6:00am	8:00am	6:00pm	10:00pm
All Days	70°F	62°F	70°F	62°F	All Days	78°F	85°F	78°F	82°F

Program

NOTE: **60 Second Rule-During** programming, if a button is not pushed in 60 seconds, the unit will return to the home screen. Everything you have changed while programming will automatically be saved.

Select HEAT with the HEAT/Cool MODE switch.
Press PROGRAM to go to the programming screen.

Select the day you want to program-
Touch the **Day of the week** area to cycle through the days of the week to select the desired day.

Su Mo Tu We Th Fr Sa

Select the time slot you want to program -
Touch the **Time slot** area to cycle through the 4 time slots, until it displays the desired time slot.
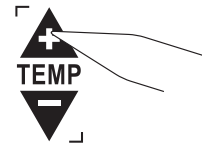
MORN   DAY   EVEN   NITE

Select the time of day -
Touch the **Time of Day** arrows to move the time selection forward or backward until it displays the desired time. Touch and hold for faster time set.

11:88 AM

Backward Forward

Program cont.

Select the desired temperature -
Touch the **UP temp / Down temp** arrows**.**

TEMP

Repeat the above procedures for each day of the week and each time slot of the day as desired.

To REVIEW your program touch **REVIEW.** Each time slot for each day or set of identical days, will be displayed every 3 seconds.
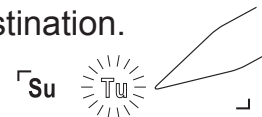
Return HOME by touching the home icon.

To COPY the program from the current day to another day -
Touch **COPY** on the program screen. The current day will remain solid, the destination day will flash.
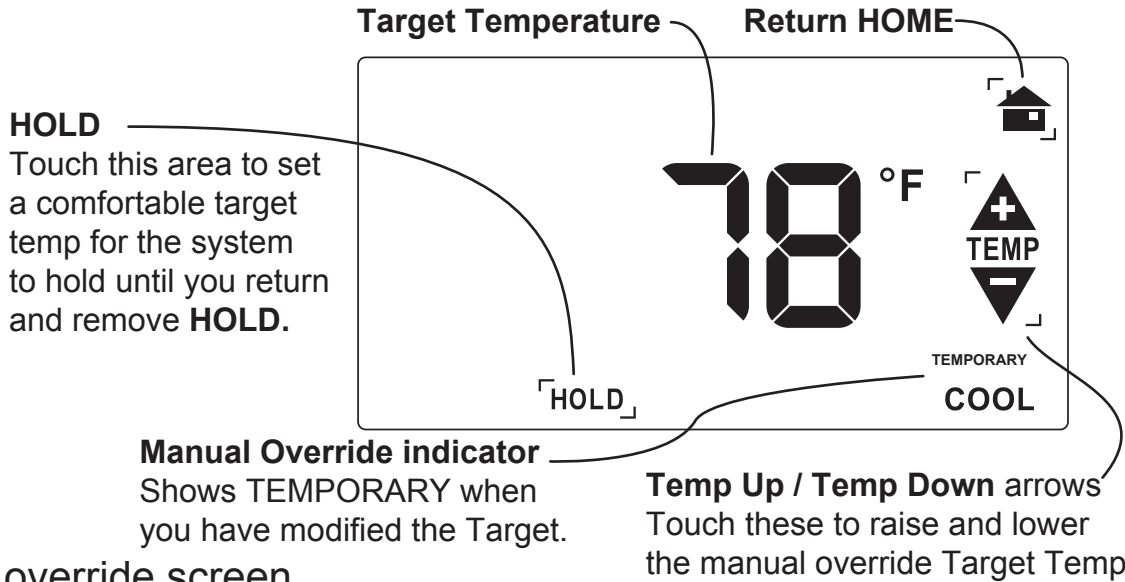Touch the day area to advance the day and select a copy destination.
Touch COPY again to copy all settings to the destination day.

COPY

Su Tu

To program for cooling -
Select COOL with the Heat/Cool MODE switch and repeat the above procedure.

The 6030 has 3 manual override commands. These are accessed by PG 9
touching the Current Temp Display at the HOME screen (center of screen).

Target Temperature —   Return HOME —

HOLD
Touch this area to set
a comfortable target
temp for the system
to hold until you return
and remove **HOLD.**

78 °F

TEMP

TEMPORARY

HOLD   **COOL**

Manual Override indicator
Shows TEMPORARY when
you have modified the Target.

Temp Up / Temp Down arrows
Touch these to raise and lower
the manual override Target Temp.
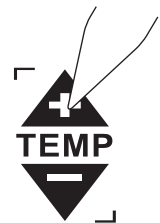
MANUAL override screen

Manual cont.

NOTE: The Mode Switch must be in
HEAT or **COOL** mode to override.

TEMP

Temporary **OVERRIDE** -
• At the Manual override screen, Touch the **Temp Up / Temp Down** arrows to
select your desired temporary Target Temperature.
• Touch HOME to return to operation.
The OVERRIDE icon will go on indicating you have modified the Target Temp
for the current Time Slot only (see PG7-Time Slot).

HOLD -
• At the Manual override screen, Touch HOLD to initiate a hold temperature.
• Touch the **Temp Up / Temp Down** arrows to select your hold temperature.
• Touch HOME to return to operation.
The HOLD ON icon will flash indicating you have changed the Target Temp.
The system will HOLD this temperature until you return to this screen
and *de-select* HOLD, by touching the HOLD icon again.

HOLD

Special Features

Swing

Swing setting determines the temperature difference in degrees from ON to OFF that the thermostat will command the HVAC system to run.

With the MODE switch in HEAT or COOL, press the **MENU** button.
Touch the **SWING** icon and the current setting of temp swing is shown on the display (default at .5°).
To change the swing factor, touch the left or right arrows.
The furnace will cycle more at the lower numbers as it tries to maintain your temp.

`⌐SWING⌐`

`◄  .5  ►`

Low Battery

When the batteries are low, the battery icon will flash.
The two AAA Batteries in the unit need to be replaced. In some installations your heater system will stop functioning when the thermostat loses power. **Replace batteries as soon as you see this warning.** The thermostat programs will remain for 60 seconds while the batteries are changed.
Do not take longer than 30 sec to change the batteries in your unit or you will lose all custom settings and all programming. Only the Energy-Star™ program will remain. Once the batteries are replaced, the system will return to normal in 2 seconds.

Spec. Featr. cont.

Lock

Allows you to to prevent any changes in custom settings.
To Lock Level1, touch the LOCK icon on the MENU screen for 2 sec.
 Level1 allows temporary target adjustments but no program changes
To Lock Level2, touch LOCK icon for 2 sec. Level2 allows no changes.
To unlock, Touch the locked icon for 2 sec.

12/24 hour

The thermostat can display time in 12 or 24 hour formats.
 At the HOME screen touch the time to toggle from 12 to 24 hr display.

Filter

The 6030 has a feature that keeps track of actual furnace run time and reminds you to periodically replace your system's air filter.
Press **MENU (from HOME screen)** and touch **FILTER** icon.
This will display your accumulated filter run time in weeks.
To zero the filter timer for a new filter, touch the accumulated time display.
To input a new filter life time, touch the **FILTER** icon for 3 seconds.
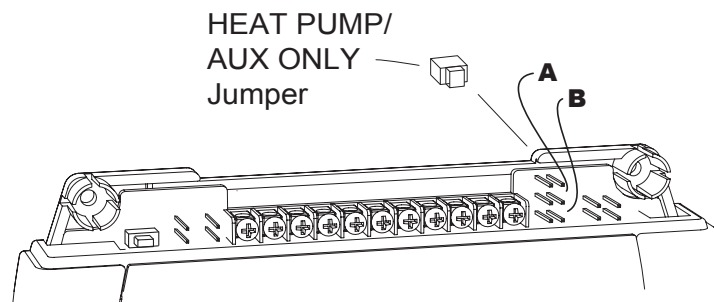Input the lifetime in weeks for your new filter.
To leave the filter display, touch **HOME.**

`⌐FILTER⌐`

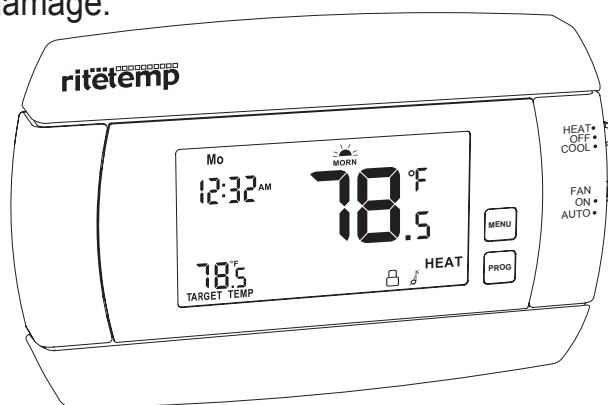`◄  25 ᵂᴷˢ ►`

Heat Pump Features

If you have a heat pump with Auxiliary heat, the new sequential staging will give you faster recovery from set backs. The thermostat can be configured for Electric aux or gas/oil aux heat (see installation). If the heat pump cannot maintain your desired room temperature, the new system allows the Aux heat to help maintain your heat all the way to your desired room temperature.

HEAT PUMP/
AUX ONLY
Jumper

A
B

When using a heat pump with Auxiliary heat, if the heat pump is not working, you can move the large jumper 3 from B (lower) HEAT PUMP position to the A (upper) AUX ONLY position (reset is not necessary). The Auxiliary heat will then be your only source of heat. When the heat pump is again operational, be sure to change jumper 3 back to the B position as the Auxiliary heat is more expensive than the heat pump.

6035 Features

This thermostat can be used with all millivolt and 24VAC heating and cooling systems. It cannot be used with line voltage systems. This thermostat is digital and your desired heat or cool temperatures can be easily be set on the large touch screen with the UP/DOWN arrows. A minimum 4 minute off time protects heating and cooling systems from damage.

ritetemp

HEAT
OFF
COOL

FAN
ON
AUTO

MENU

PROG

Mo
12:32 AM

MORN

78.5 °F

78.5 °F
TARGET TEMP

HEAT

This thermostat uses a new technique called sequential staging for more comfort with faster reaction to requested temperature changes.

Calibration

NOTE: Your thermostat comes from the factory calibrated to + or - 1°F actual temperature. It is an accurate instrument. If you want your thermostat to display the same temperature as another thermometer in your home, you can adjust it. Maximum calibration is +/-6° .

To change the calibration:
With the switch MODE in HEAT or COOL.
Press the **MENU** button.
Press the Temp Up/Temp Down arrows to adjust the temperature reading.
CALIBRATE DISPLAY ON will appear.
Press **HOME** to save the new setting.

Mo
◄ 12:36 AM ►
SWING
FILTER
▲-T FACTOR
÷ 2 ^{o}F
78.5 ^{o}F
TEMP
CALIBRATE DISPLAY ON