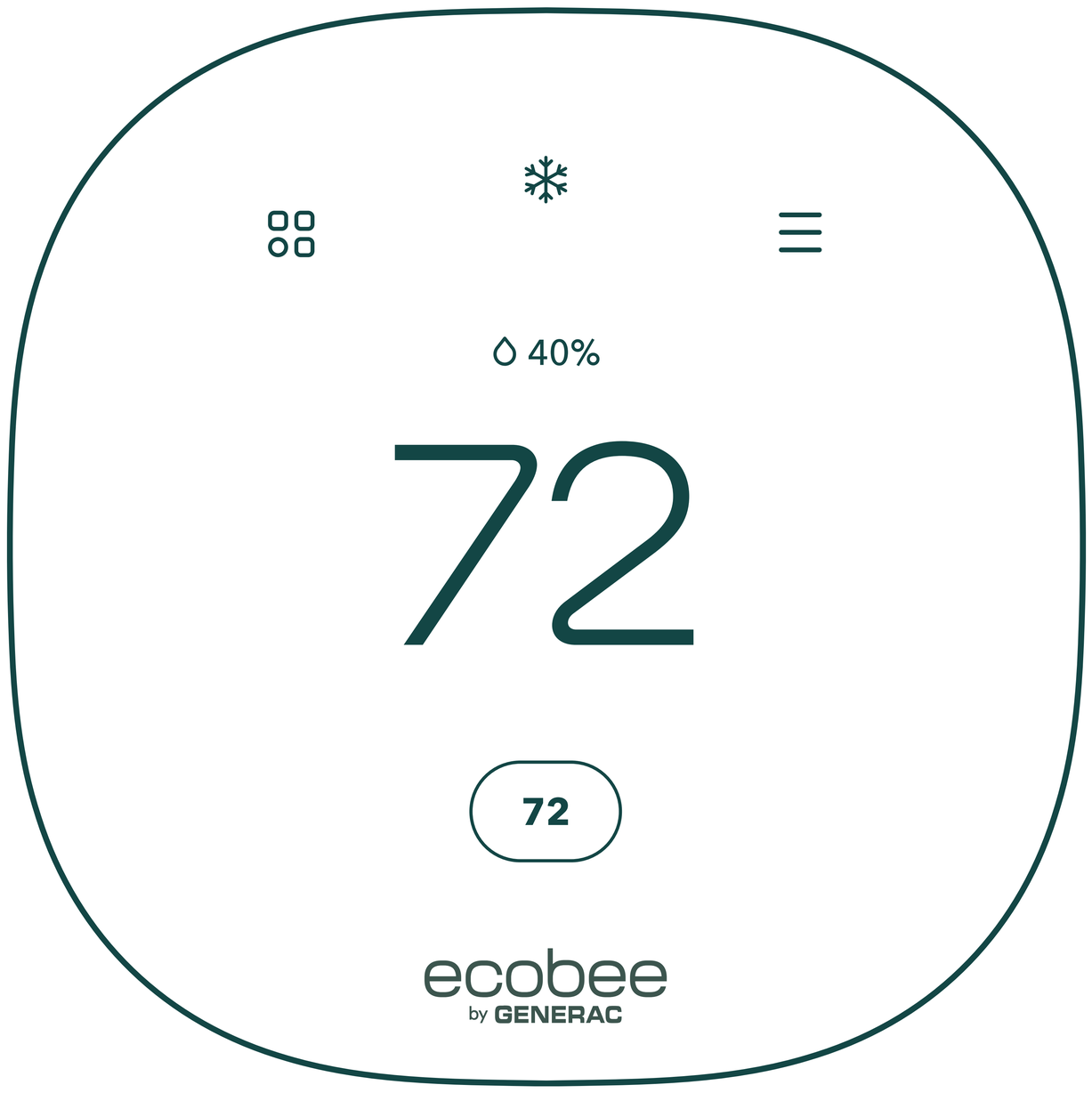
ecobee by GENERAC

Smart Thermostat **ENHANCED**
works with Generac Residential Generators and PWRcell



Quick Start Guide

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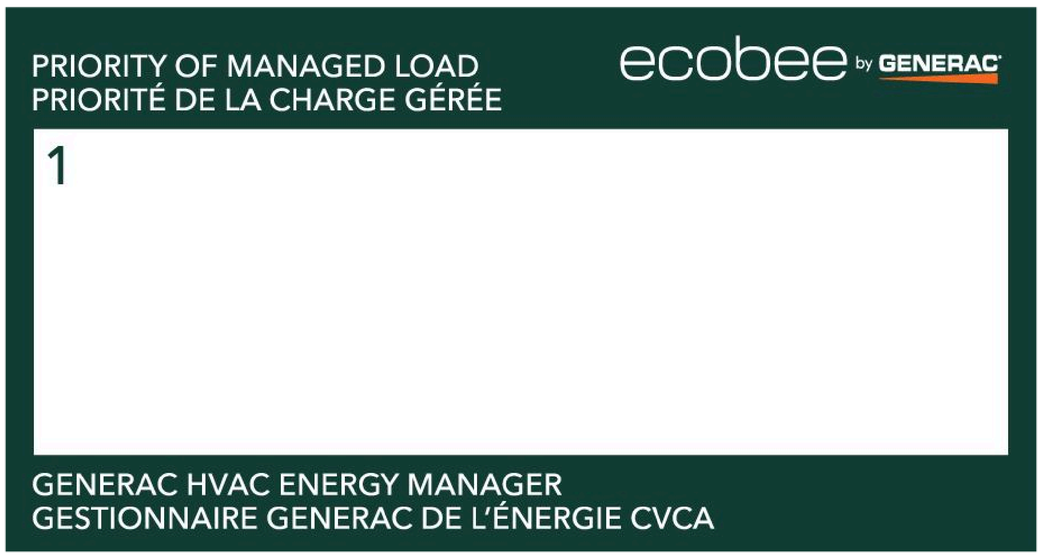
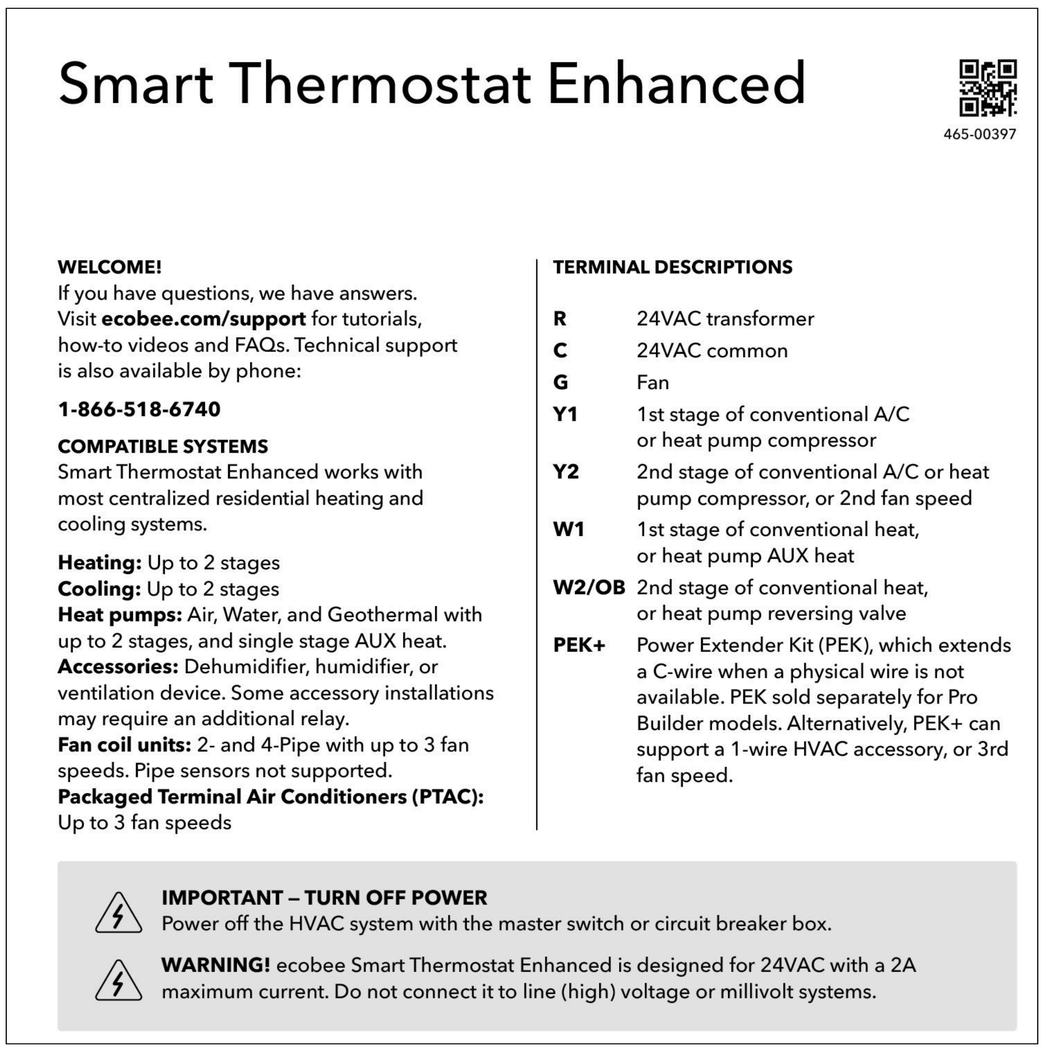
INSTALL

Before starting, confirm the HVAC system's compatibility using our ecobee compatibility tool HERE.

1. Place managed load label on the HVAC equipment being managed or on the circuit powering the HVAC system at the load center. Clearly detail the equipment type (Furnace, AC, etc.) so viewers are aware of the active system management.



2. Install thermostat per the following the **wiring guide** provided in thermostat box. Please call **1-866-518-6740** for any troubleshooting or installation assistance.



Smart Thermostat Enhanced

465-00397

WELCOME!
If you have questions, we have answers. Visit **ecobee.com/support** for tutorials, how-to videos and FAQs. Technical support is also available by phone:

1-866-518-6740

COMPATIBLE SYSTEMS
Smart Thermostat Enhanced works with most centralized residential heating and cooling systems.

Heating: Up to 2 stages
Cooling: Up to 2 stages
Heat pumps: Air, Water, and Geothermal with up to 2 stages, and single stage AUX heat.
Accessories: Dehumidifier, humidifier, or ventilation device. Some accessory installations may require an additional relay.
Fan coil units: 2- and 4-Pipe with up to 3 fan speeds. Pipe sensors not supported.
Packaged Terminal Air Conditioners (PTAC): Up to 3 fan speeds

TERMINAL DESCRIPTIONS

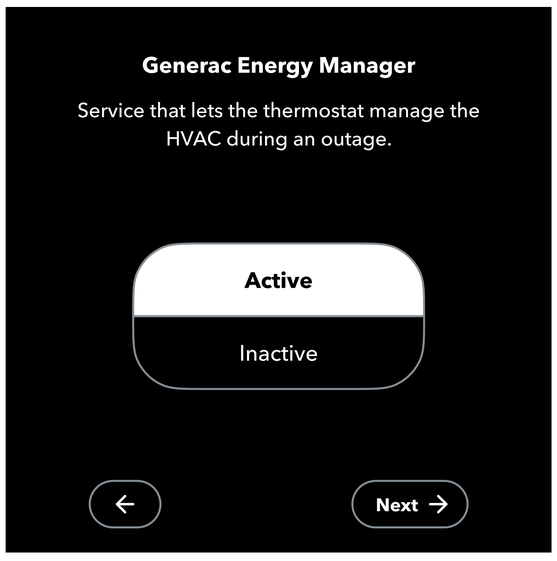
R	24VAC transformer
C	24VAC common
G	Fan
Y1	1st stage of conventional A/C or heat pump compressor
Y2	2nd stage of conventional A/C or heat pump compressor, or 2nd fan speed
W1	1st stage of conventional heat, or heat pump AUX heat
W2/OB	2nd stage of conventional heat, or heat pump reversing valve
PEK+	Power Extender Kit (PEK), which extends a C-wire when a physical wire is not available. PEK sold separately for Pro Builder models. Alternatively, PEK+ can support a 1-wire HVAC accessory, or 3rd fan speed.

IMPORTANT – TURN OFF POWER
Power off the HVAC system with the master switch or circuit breaker box.

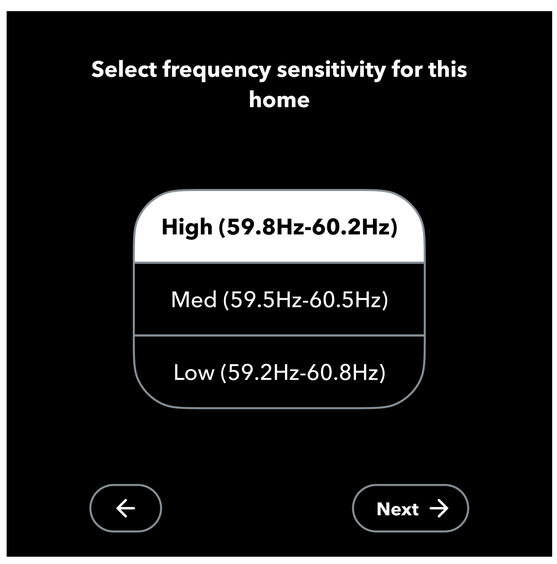
WARNING! ecobee Smart Thermostat Enhanced is designed for 24VAC with a 2A maximum current. Do not connect it to line (high) voltage or millivolt systems.

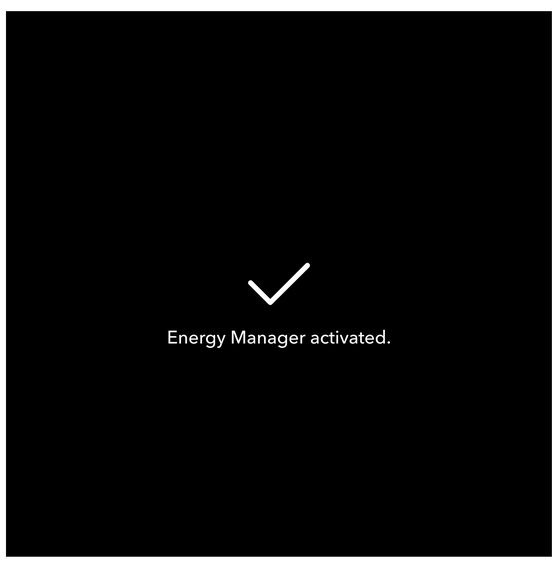
SETTING UP THE HVAC ENERGY MANAGER

3. Once presented with the Energy Manager set-up, select **“Active”**. **This enables the HVAC Energy Manager functionality.**



4. Next, select the required frequency sensitivity setting. Note – The Energy Manager function will execute a load shed event regardless of the sensitivity setting selected. This sensitivity setting is intended for installations where filtering of utility frequency variation is necessary.

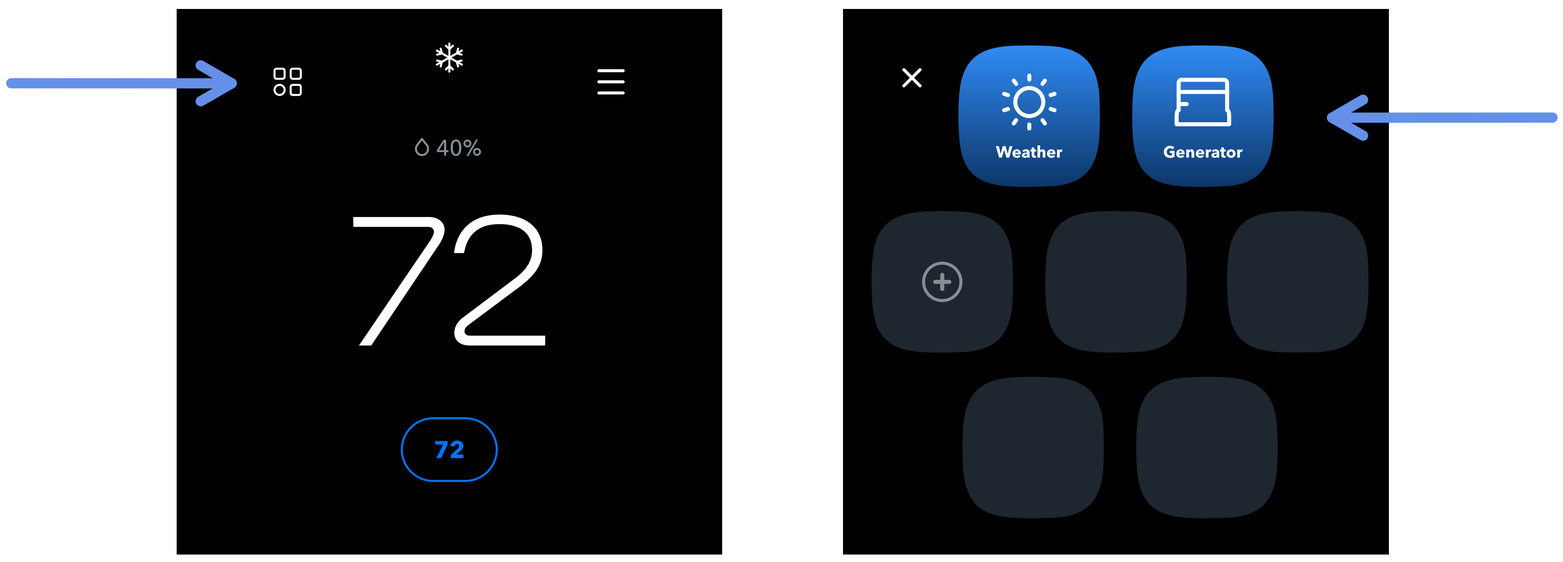




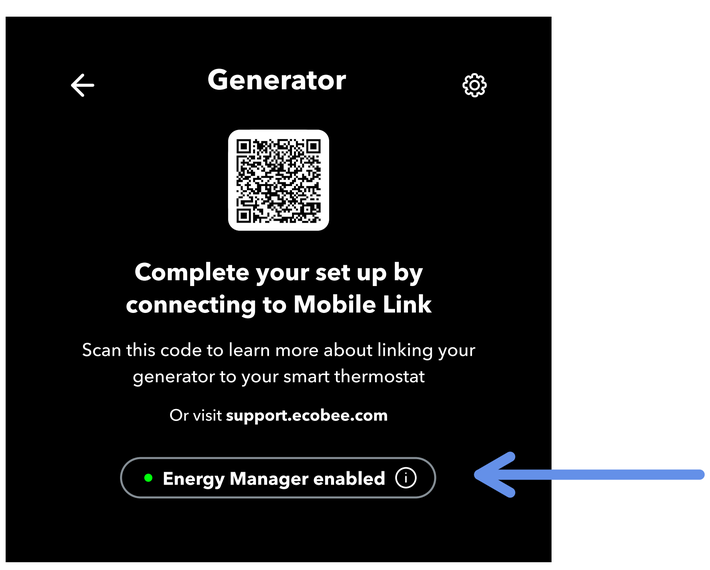
HVAC Energy Manager set-up is complete. You can continue finalizing the smart thermostat set up.

VERIFY

5. Verify the HVAC Energy Manager is enabled by navigating to the stacked 4-box icon in the top left corner of the thermostat home screen. Select **“Generator”**.



6. Ask homeowner to scan QR code to see their generator’s status. Note – an active Mobile Link account (either free or paid subscription) is required to use the ecobee Generator Status feature.



7. Verify the green **“Energy Manager Enabled”** pill is displayed, signifying active function. If the ‘Energy Manager enabled’ is not displayed, this indicates the feature has not been officially enabled. In the event the Energy Manager is not enabled, select the settings icon (gear symbol in right corner) and follow the steps to ensure the frequency has been selected.

For additional information about installing and setting up the ecobee by Generac Smart Thermostat Enhanced, please contact our support team at ecobee.com/support, scan the QR code or call 1-866-518-6740