GENERAC

HVAC Energy Manager

QUICK START GUIDE

Product # G0070250
Part # A0006689463

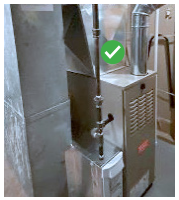
REV 11/2024

1 Select Location

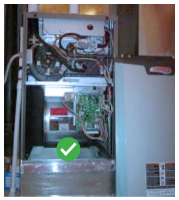
Must install indoors or with a weather-protected enclosure outdoors.

With these provided supplies (Very Heavy Bond two-sided tape, sheet metal screws) you have various quick install options.

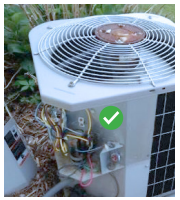
Acceptable Locations:



Indoors – On Ductwork



Indoors – Within HVAC System



Outdoors – Within Weather Protected Compartment

Unacceptable Locations:

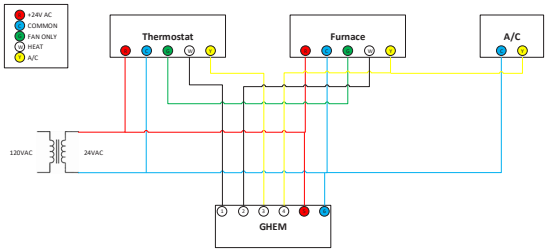
Outdoors – Susceptible to the Elements

2 Install

First, ensure power to the residence and HVAC system is OFF.

- The unit is powered by 24VAC input power and includes two (2) low-voltage control relays
- Each relay operates independently providing either load delay or lockout functionality while on generator power
- Please see common HVAC system wiring reference diagram

Standard HVAC Wiring with GHEM



Wiring into the Y wire is the preferred method. Wiring into the R wire is an alternative acceptable method.

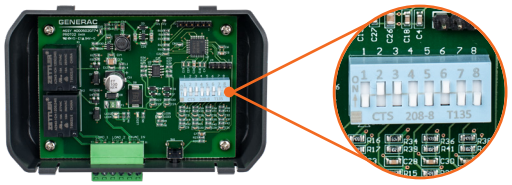
3 Configure

Remove the cover of the Energy Manager and configure the 6 dip switches accordingly:

- Switch 1 – Down = 60Hz | Up = 50Hz
- Switch 2 (Relay 1) – Down = Load Delay | Up = Lock Out
- Switch 3 (Relay 2) – Down = Load Delay | Up = Lock Out
- Switch 4 = High Frequency Sensitivity (+/- .2Hz) = 59.8-60.2Hz
- Switch 5 = Moderate Frequency Sensitivity (+/-.5Hz) = 59.5-60.5Hz
- Switch 6 = Low Frequency Sensitivity (+/-.8Hz) = 59.2-60.8Hz

Only Select 1

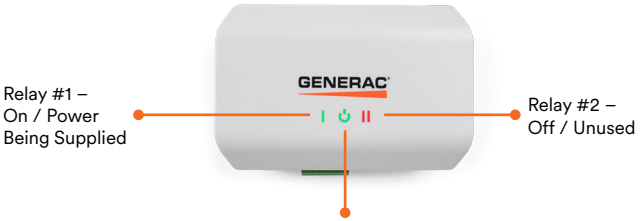
- Switch 7 & 8 = Unused (Reserved)



4 Test

Validate that all system elements operate successfully:

- Turn off main circuit breaker to mimic utility power loss and automatically start the generator system
- Visually confirm the center, power source indicator LED is flashing green
  - Indicates Energy Manager has identified Generator Power
  - Both relay LED's flashing red indicates active load delay
- After the 5-minute delay, confirm each relay changes from red LED to green, indicating power is being supplied to the HVAC system and/or thermostat
  - Note: There could be an additional delay before the HVAC system resumes operation once regaining active power (depending on the HVAC system and/or thermostat manufacturer)
- Confirm that the HVAC system (whether cooling or heating) has actively resumes operation



5 Enjoy

Installation Complete

Congratulations on installing the industry leading Generac Home Backup Power Experience.

If you have any issues, please refer to the **installation manual** or visit **generac.com** and search "User Manuals."