



Energy Saver Installation and Safety Instructions- Rev 01

WARNING: IT IS A REQUIREMENT THAT ENERGYSAVER PRODUCTS BE INSTALLED BY A LICENSED AND INSURED ELECTRICIAN. INSTALLING ELECTRICAL EQUIPMENT MAY RESULT IN SHOCK, SERIOUS INJURY OR DEATH. INSTALLATIONS REQUIRE A DEDICATED CIRCUIT BREAKER FOR EACH ENERGYSAVER ENCLOSURE. BE SURE TO FOLLOW ALL LOCAL ELECTRICAL CODES AND RESTRICTIONS.

Installation Considerations:

Installation should be odorless, clean and dry; near the main breaker panel or a nearby sub-panel to accommodate the **required** circuit breaker. One circuit breaker is **required** for each EnergySaver. Sub panels may be added for the required circuit breaker, if required. For outside or wet applications additional NEMA 3 enclosures are required and are subject to proper installation.

Model 1200 is for residential, light office application- single phase; 200 amps; 110/220V.

Model 3200 is for light commercial applications- 3 phase; 200 amps; 208/440V max.

Model 3400 is for heavier industrial applications- 3 phase; 400 amps; 208/440V max.

For higher amperage applications, multiple units may be installed at each of the 400amp (or less) sub-panels which break out from the main panel.

Installation Instructions:

- 1) Turn power "OFF" in main breaker panel before opening either the main or the sub- breaker panel. Do not turn back on until installation is complete.
- 2) Obtain a dedicated circuit breaker and place the breaker in OFF position.
 - Model 1200 requires a two pole 20 amp breaker
 - Model 3200 requires a three pole 30 amp breaker
 - Model 3400 requires a three pole 40 amp breaker
- 3) Remove panel cover and remove "knock-out" tabs as required. Mount the EnergySaver securely to a solid surface using two screws. Cut sleeve to length, if required, add bushings, and secure sleeved wires to the breaker panel from the EnergySaver enclosure.
- 4) Attach the Energy Saver wiring as follows, with breaker in the "OFF" position
 - For Model 1200: connect the two red wires to the new breaker
 - For Model 3200 & 3400: connect the three red wires to the new breaker
 - For all models: connect the green wire to the grounding buss bar
- 5) Check for secure connections, install the breaker and re-install cover panel. Turn main panel power to "ON". Next, turn dedicated EnergySaver circuit breaker to "ON".
- 6) Observe the pilot light on the EnergySaver is lit. A slight hum may be observed in high amperage applications.
- 7) If light is not lit, turn power "OFF" on the dedicated circuit breaker and the main power panel. Remove panels and re-check for secure connections to red and green wires. After inspection, re-install panels, turn main power "ON" and dedicated EnergySaver circuit breaker to "ON". The light should be lit.
- 8) If the light remains "OFF" call your dealer or tech support.