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Location and General Information

- 1- Prior to opening the meter base, or breaker panel, **MAKE CERTAIN THE MAIN BREAKER IS IN THE "OFF" POSITION.**
- 2- If there is not space at the meter base, or you prefer, the EOC System may be installed at the load center (breaker panel) depending on local codes.
- 3- Many homes have multiple breaker panels and the EOC System can be installed on any breaker panel in the home, providing there is space for the dedicated breaker.
- 4- The EOC System is designed to condition "ALL" power consumed by inductive loads (electric motors) in the home.
- 5- If there are no spaces available at the meter base or breaker panel, a sub panel can be installed for a dedicated breaker. Your electrical professional may be able to gather up small circuits on your panel, thus providing room for the required breaker.
- 6- The EOC System "MUST" be installed on a dedicated two pole 20 amp 220 volt breaker. "Piggy backing" is against national building codes.
- 7- The EOC System units is enclosed in a NEMA 3R box allowing it to be installed indoors or outdoors, but "CAN NOT" be installed under water.

INSTALLATION INSTRUCTIONS:

- 1- Prior to opening the meter base or breaker panel **MAKE CERTAIN THE MAIN BREAKER IS IN THE "OFF" POSITION.**
- 2- The power should remain "OFF" until the entire installation is complete.
- 3- Install a two pole 20 amp 220 volt breaker and secure the two leads (wires) of the EOC System, one on each side of the breaker. Secure the green wire from the EOC System to the ground bar in the panel. Leave breaker in "OFF" position until power is restored to panel.
- 4- Remove "tabs" (knockouts) from the cover allowing access to the breaker after cover is reinstalled. Reinstall the panel cover securely.
- 5- Turn power (main breaker) back on. Flip the "dedicated" breaker to "ON" and check that the indicator light is on. This will indicate that the unit is on and installation is complete.

If the light is "not" on turn off power, and check to make certain good contacts are made with the two red wires and the breaker, and the green wire and the ground bar. Install cover, turn power back on, and check light again.
- 6- If light remains off call your dealer.
- 7- If your unit is humming this is a sign that you are receiving high voltage. This will not damage the unit and can occur at various times.

GENERATOR APPLICATIONS:

1. The EOC System is not designed to improve the power provided by your generator.
2. If you have a manual start generator, turn off the EOC System breaker when turning off the main feed breaker.
3. If you have an auto start generator make certain that the EOC System breaker is not on one of the circuits supported by the generator. If it is, turn the breaker off to the EOC System when the generator starts up.

WARNING: HAVE YOUR EOC System INSTALLED BY A LICENSED ELECTRICIAN. INSTALLING ELECTRICAL EQUIPMENT MAY RESULT IN SHOCK, SERIOUS INJURY, OR EVEN DEATH.

CAUTION:

Warning Electrical Shock "Do Not Open" there are NO serviceable parts
Disconnection of Protective cover of the EOC System, may impair the performance this product
It is NOT recommended putting any Switches or Fuses In-Line with this system.