

Installation/Operator Manual
For use with WFCO T-30



OEM Installation of the T-30

T-30 is for a 30 Amp AC service. It is installed onto a WF-8900 Series Power Center. To minimize voltage drop across the wire, install the power center with the T-30 as close to the generator and shore power cord entrance as possible.

Do not install close to appliances that are a source of heat or water (such as water heaters, furnaces, and under refrigerators). It is not designed for mounting in wet locations. The T-30 must be protected from direct contact with water and debris.

⚠ WARNING ⚠

This unit employs components that tend to produce arcs or sparks. To prevent fire or explosion, do not install in compartments containing batteries or flammable materials (LP gas). Risk of electric shock: more than one disconnect switch may be required to de-energize the equipment before servicing.

⚠ CAUTION ⚠

Do not mount in zero-clearance compartment. Overheating may result. The T-30 must be installed by a qualified electrician.

Do not drill through the metal housing. Debris and metal shavings can interfere with the operation of the transfer switch. For wiring, use the existing knockouts.

Operation:

When the T-30 (or the power center) is plugged into the shore power, the T-30 will automatically provide AC power to all AC appliances. To operate your appliances from the on-board generator, simply start the generator and the T-30 will (after 20-30 seconds) automatically transfer the electrical power to AC appliances. The time delay of 20-30 seconds allows the generator voltage to stabilize.



INSTALLATION INSTRUCTIONS



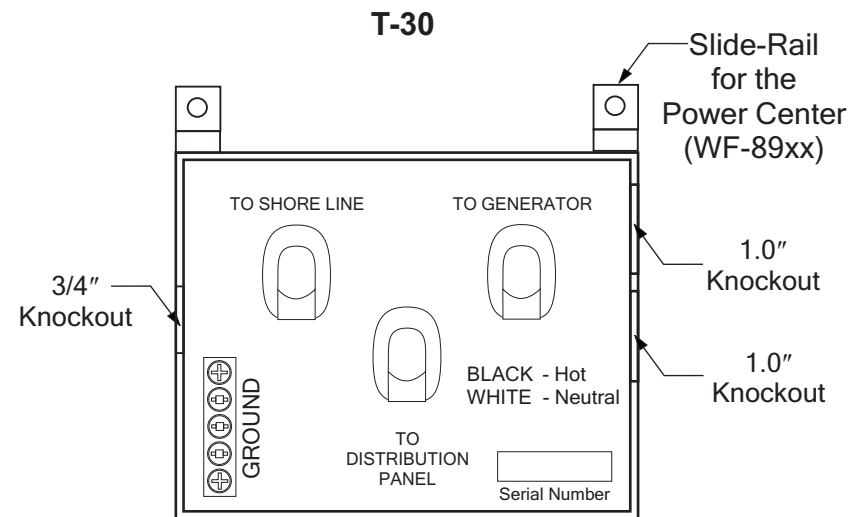
WIRING INSTRUCTIONS

Wiring Instructions

The T-30 is rated for use on circuits capable of delivering 105-130 Vac 60 Hz 30 Aac.

All field wires used have to be rated to at least 105°C. All grounds are connected inside of the T-30.

Note: Select a proper wire type, gauge, and wire connector, according to the NEC requirements.



WARNING: DIP switch on the timing board bypasses the time delay, is used only for testing during the manufacturing process, and should not be tampered with. Bypassing the timing board will eliminate the time for the generator voltage to stabilize (default DIP switch position is OFF or down).