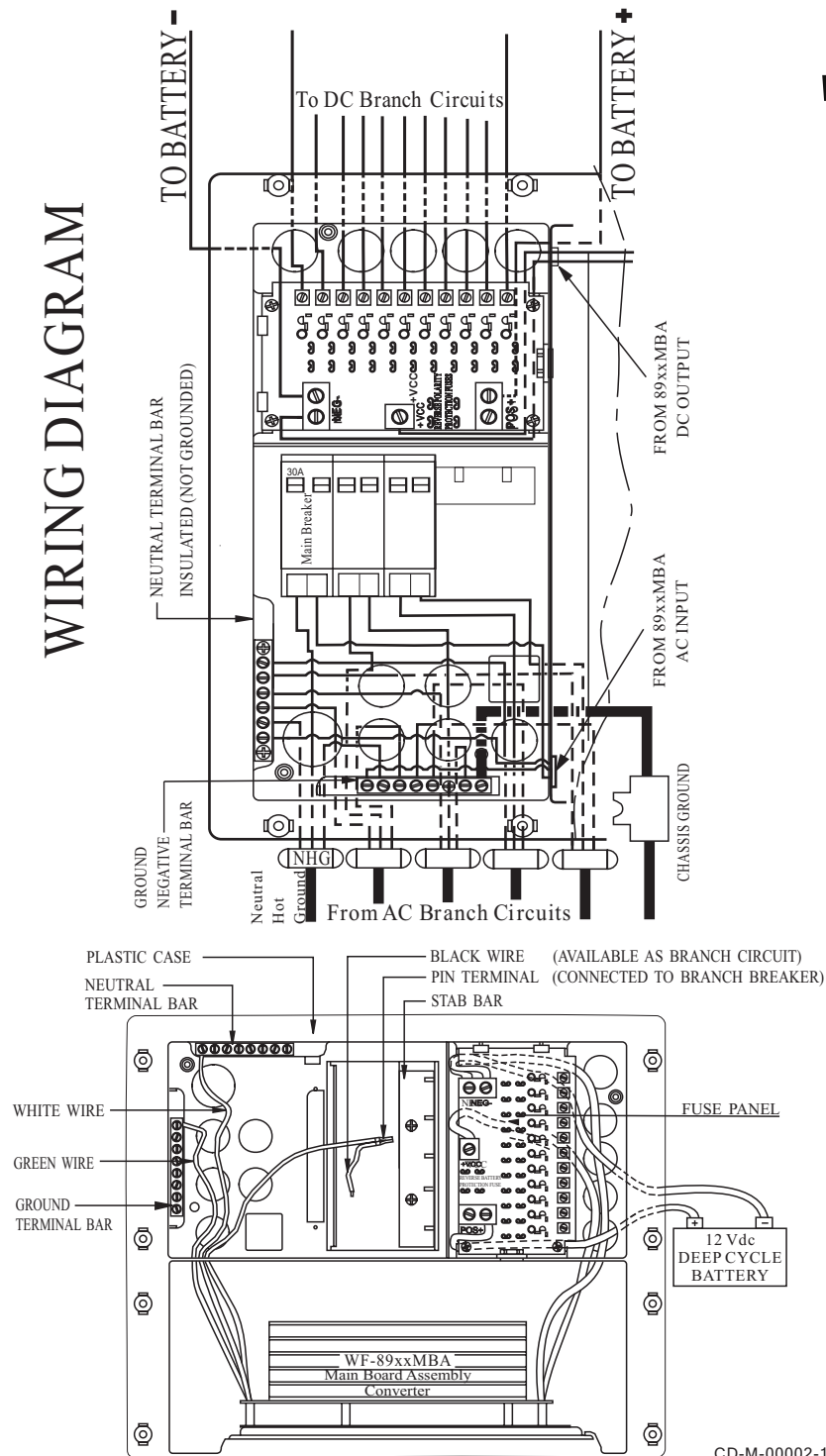


WIRING DIAGRAM



INSTALLATION INSTRUCTIONS

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CD-M-00002-12

OEM Installation Manual For use with WFCO ULTRA III Distribution Center WF-8900 Series (model number located on the door assembly label)



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OEM Installation of the WFCO WF-8900 Series Power Center



Select a mounting location near the shore power and battery (batteries) and cut a rough opening 1/8" wider than the box to allow the power center to slide in easily.

Mount in an area where the owner is unlikely to store items, as this could reduce clearance requirements, obstruct ventilation openings and effect the performance of the converter.

Select a mounting location that is appropriate to prevent excessive heat, water, moisture, dust and dirt entering the unit installed. As a rule allow two cubic feet of clear airspace and or any additional venting as necessary to prevent the unit from overheating. All installation should be tested for overall performance.

⚠ 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).

⚠ CAUTION ⚠

To prevent fire, do not cover or obstruct ventilation openings. Do not mount in zero-clearance compartment. Overheating may result. For continued protection against risk of fire, or electric shock replace only with same type and ratings of fuse.

During the manufacturing process, be sure that all converter openings are protected from debris falling into the unit as this could cause the components to short out. (This is a non-warranty item.)

NOTE: If the reverse battery protection fuses are blown during installation, be sure that the battery has been connected properly, then replace the fuses with ATC "Littelfuse®" Type 257 with the same rating as the original.

This product is not ignition protected and should not be installed in an LP compartment.

For proper wire sizes and torque requirements, refer to the label on the back of the door assembly.

INSTALLATION INSTRUCTIONS

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INSTALLATION INSTRUCTIONS

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UL®-Listed Main Circuit Breakers, rated for 120 V, maximum 30 A
Acceptable circuit breakers are as follows:

Manufacturer	Model/Cat. No./Type
Cutler Hammer	Type BR and C
Thomas Betts	Type TB or TBB D
ITE/Siemens	Type QP or QT
Square D	Type HOM or HOMT
Murray	Type MP-T or MH-T

UL-Listed Branch Circuit Breakers, rated for 120 V, maximum 20 A
Acceptable circuit breakers are as follows:

Manufacturer	Model/Cat. No./Type
Cutler Hammer	Type BR and C, Type BRD BD and A
Thomas Betts	Type TB and TBB D
ITE/Siemens	Type QP or QT
Square D	Type HOM and HOMT
Murray	Type MH-T or MP-T

- A replacement or additional circuit breaker shall be of the same manufacturer, type designation, and equal or greater interrupting rating, not to exceed 30 A
- "Short-Circuit-Current" rating for the breaker should be 10,000 A

Rear view

