

**INSTALLATION INSTRUCTIONS**

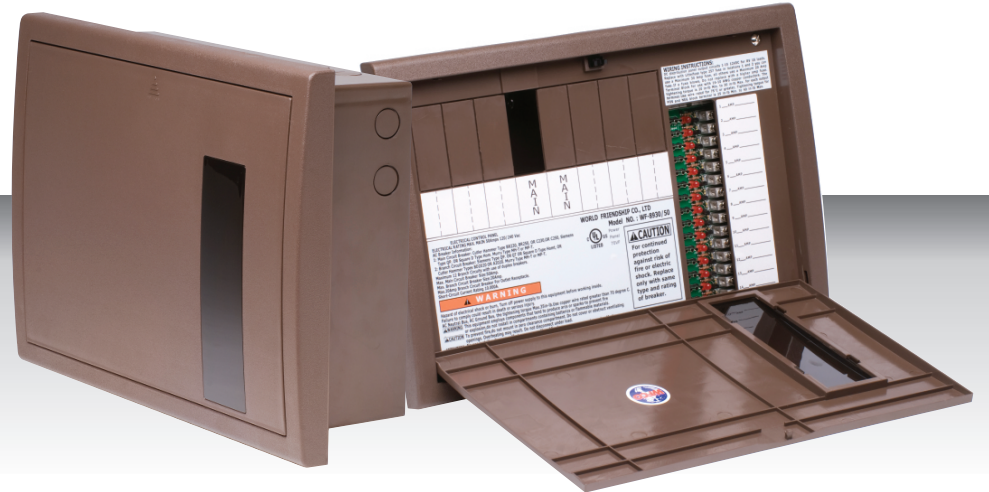
**Torque specifications**

**A**  
**B**  
**C**

TERMINAL DESCRIPTION	TORQUE (in. - lbs.)	WIRE GAUGES (AWG)
TERMINAL BARS: GROUND AND NEUTRAL	25 30 35	10-14 AWG Wire 8 AWG Wire 6 AWG Wire
DC FUSE PANEL LUGS: +VCC, NEG-, POS+	25 32 45	10 AWG Wire 8 AWG Wire 4-6 AWG Wire
DC FUSE PANEL: SINGLE CIRCUIT TERMINALS	20 25 30	14 AWG Wire 12 AWG Wire 10 AWG Wire

CD-M-00004-6

OEM Installation Manual  
For use with WFCO ULTRA III Distribution Center  
Model WF-8930/50



Distributed in the U.S.A. and Canada by  
**ARTERRA DISTRIBUTION**  
Sales (574) 294-8997  
Warranty Service (877) 294-8997  
Fax (574) 294-8698  
[www.wfcoelectronics.com](http://www.wfcoelectronics.com)

## OEM Installation of the WFCO WF-8930/50 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.

Two sizes of knockouts have been provided: a 1" knockout for the 50 amp and a 3/4" knockout for the 30 amp power cord. The 7/8" holes are provided for the 12 Vdc installations. There is also a series of built-in 120 Vac strain reliefs for Romex and should be used only with 10-2 through 14-2 gage wires, one wire per strain relief opening.

Select a mounting location that is appropriate to prevent excessive heat, water, moisture, dust and dirt entering the unit installed. 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. 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.)

### DC Fuses

- Fifteen 12 Vdc circuits (including two circuit for slideouts)
- Maximum of 30 Adc fuse for DC circuits 1 and 2 (all others max. 20 Adc)

If the fuses are blown during installation, 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

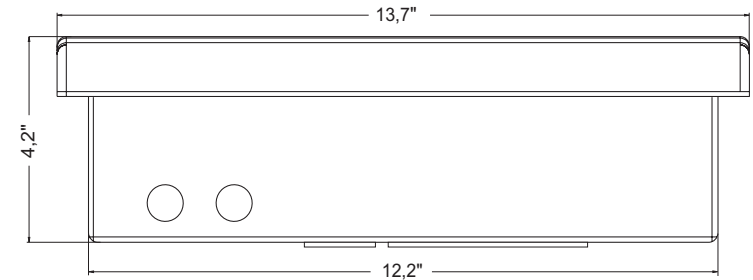
2



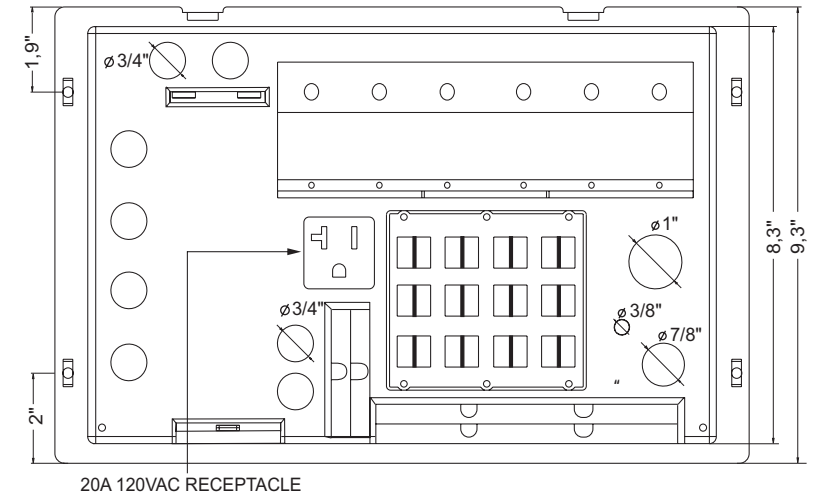
## INSTALLATION INSTRUCTIONS

3

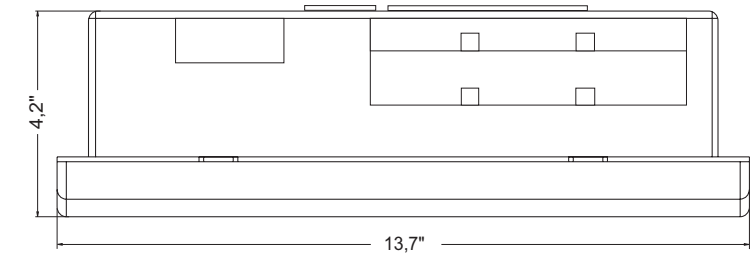
Top view



Rear view



Bottom view



Remember to select the proper gauge wire for the load, according to the National Electric Code (NEC). Be sure to use appropriate Romex connector and strain reliefs to secure the wires to the distribution panel.