

WFCO SMART POWER CONTROL SYSTEM

WF-3510 POWER PRO





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WARNING

Risk of Electrical Shock. Disconnect or isolate all power supplies before making electrical connections. More than one disconnection or isolation may be required to completely deenergize equipment. Contact with components carrying hazardous voltage can cause electric shock and may result in severe personal injury or death.

IMPORTANT

All wiring must conform to local, national, and regional regulations. Use copper conductors only for all wire connections.

CAUTION

This product should be installed and serviced by a certified or licensed electrician familiar with applicable safety codes and installation requirements. Failure to observe this precaution could result in electrical shock or bodily injury. Consult your service dealer before attempting any work on this product.

WARNING

This unit employs components that can produce arcs or sparks. To prevent fire or explosion, do not install in compartments containing batteries or flammable materials (LP gas). This product is NOT ignition protected.

FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT

The BL-M8723DS1 Bluetooth module is integrated with the WF-3510 Power Pro system for using the APP through a smart device.

I. INTRODUCTION

The WFCO smart power control system gives the user control of devices throughout the RV, including lights, water pump, awnings, and slideouts. In addition, monitoring functions such as battery and fresh/wastewater tanks are available with the WFCO smart power control system. Whether using the APP through a smart device or using voice commands, the end user has complete control of their RV.



II. CONTROL PANEL OPERATION



- 1. Local Microphones(an optional remote microphone module is available)
- 2. Voice Control Indication(voice control available when MIC green LED lit-up)
- 3. OTA (Over the Air) Status Indication
- 4. Battery Status Indication
- 5. Bluetooth (BT) Control Button / Indication
- 6. Tank Level Status Indication
- 7. Light Control Buttons / Indication
- 8. Water Pump Control Button / Indication
- 9. Water Heater Button
- 10. Extend / Retract Control Button
- 11. DSI Fault Indication
- 12. Awing / Slide Select Button / Indication
- 13. Speaker



1. Device Status Display:

The status of the following devices can be checked by user:

- Battery Level (voltage)
- Water tank level: Fresh, Gray or Black water

The LED indicators of MIC light and OTA display the status of Voice Control and OTA functions, please refer to Voice Control and APP Control sections in this manual.

Battery Level



Fresh Tank level

| | EMPTY | <u>1/3</u> | <u>2/3</u> | FULL | TANK DISABLED |
|-----------------------------|-------|------------|------------|-------|------------------|
| FULL 2/3 1/3 Empty | FRESH | FRESH | FRESH | FRESH | FRESH |

Gray Tank level

| | EMPTY | <u>1/3</u> | <u>2/3</u> | FULL | TANK DISABLED |
|-----------------------------|-------|------------|------------|------|------------------|
| FULL 2/3 1/3 EMPTY | GRAY | GRAY | GRAY | GRAY | GRAY |

Black Tank level

| | EMPTY | <u>1/3</u> | 2/3 | FULL | TANK DISABLED |
|-----------------------------|-------|------------|-------|-------|------------------|
| FULL 2/3 1/3 EMPTY | BLACK | BLACK | BLACK | BLACK | BLACK |



2. Device Control

Users can control the RV devices by pressing the buttons on the Control Panel.

a. Light Controls:



The illustration shows light 3 is ON, other three lights are OFF.

Press & Release: Toggles ON / OFF.

When the output is turned off, the indicator LED is blue. To turn on the output, press the button, and the panel indicator LED will become white. To turn off the output when it's on, press the button again.

Press & Hold: Changes Dimming Level

When pressed and held, lights will incrementally decrease down to 10% brightness.

When pressed and held again, lights will incrementally increase up to 100% brightness.

b. Water Pump Control:



Switch illumination, as shown, will indicate water pump is ON.

Press & Release: Toggles ON / OFF.

When the output is off, the indicator LED is blue. To turn on the output, the user should press the button. When the output is turned on, the indicator LED changes to white. To turn off the output, the user should press the button again.



c. Awning / Slide Controls:



Switch illumination, as shown, will indicate

retract button is pressed.

SELECT button: cycles through the selections (highlighting constant blue one at a time).



Extend Button: press & hold to extend the selected item (Awning 1, 2, Slide 1,2,3), and the selected item shall be turned on and extending. Release the button, the output of the selected item shall be turned off.

Retract Button: press & hold to retract the selected item, and the selected item shall be turned on and retracting. Release the button, the output of the selected item shall be turned off.

- 3. Setup Mode (For OEM installation)
 - a. Enter/ Exit Setup Mode

Enter Setup Mode: Press & Hold SELECT button > 7 seconds.

Exit Setup Mode: To SAVE CHANGES, Press & Hold SELECT button > 7 seconds or to EXIT WITHOUT SAVING, wait for Screen Timeout > 60 seconds.

b. Enabling/Disabling Devices in Setup Mode

SETUP MODE:

SELECT, EXTEND, RETRACT buttons changes to WHITE color.

SETUP MODE Text is illuminated WHITE. (ON [or] OFF) text is illuminated WHITE (indicates the status of the selected item).

The selected item will be BLUE. SELECT button cycles through the selections highlighting BLUE one at a time: AWNING 1/ AWNING 2/ SLIDE 1/ SLIDE 2/ SLIDE 3/ GRAY2 /GRAY3 /BLACK2/ LIGHT 1/ LIGHT 2/ LIGHT 3/ LIGHT 4/ WATER PUMP/ WATER HEATER-ELECTRIC/ WATER HEATER-GAS/ OTA

For the selected item:

The EXTEND button is actuated to ENABLE (ON) the selected item. The RETRACT button is actuated to DISABLE (OFF) the selected item.



III. VOICE CONTROL

1. Voice Control of RV Panel

Users can use voice to control the equipment in the RV and query status information such as power and water tanks.

- a. How to use the voice command on the RV Panel
 - Turn on the RV panel and wait until the MIC light is green.



• User: Say the wake-up word "Hey, Power Pro". (the specific wake-up word may differ based on the RV model)



- Please make sure you hear the system reply before continuing to say the voice command.
- System reply: 'What can I do for you' / 'How may I help you'
- User: Speak any voice commands below





- 2. Single Device Voice Command Form
 - a. Lights Control Voice Command

Users can use the following commands to control the light's switch and brightness, and the light's name can be flexibly replaced.

'Light Name' refers here to Light 1/ Light 2/ Light 3/ Light 4/ Bedroom lights/ Living room lights/ Bathroom lights/ Exterior Lights.

Note:

* Users can change the light name by mobile phone APP (refers to 'manage controls - > edit lights name')

* Similarly, users can control 'Bedroom lights, Livingroom lights, Bathroom lights, Exterior Lights' with the same format of commands, and the default light names (light 1, 2, 3, 4) are still available.

Light ON/OFF

| Turn on 'Light name' | |
|-----------------------|----------------------------------|
| 'Light one' on | Turn on light zone <i>'one'</i> |
| Switch on 'light one' | Flip on 'light one |
| Turn zone 'one' on | Turn on zone <i>'one'</i> lights |
| Zone 'one' on | Turn 'light one' on |
| Switch 'light one' on | |

| Turn off 'Light Name' | |
|----------------------------|----------------------------|
| 'Light one' off | Turn off light zone 'one' |
| Switch off 'light one' | Flip off 'light one' |
| Turn zone <i>'one'</i> off | Turn off zone 'one' lights |
| Zone 'one' off | Turn 'light one' off |
| Switch 'light one' off | |

Brightness

| 'Light Name' 100% | |
|------------------------------|---------------------------------|
| Brighten up light zone 'one' | Brighten light zone 'one' |
| Brighten 'light one' | Turn light zone <i>'one'</i> up |
| Turn up light zone 'one' | Turn up light 'one' |
| Increase light zone 'one' | Increase 'light one' |
| More light in zone 'one' | Brighter light in zone 'one' |



b. Device Control Voice Command

| Turn on/off Water pump | | | | |
|-----------------------------|-----------------------------|--|--|--|
| Water pump on/ off | Turn water pump on/ off | | | |
| Turn pump on/ off | Start/ stop water pump | | | |
| Turn on/ off the water pump | Switch pump on/ off | | | |
| Switch on/ off water pump | Turn the water pump on/ off | | | |
| Turn on/ off pump | Pump on/ off | | | |

Turn on/off Electric Water Heater

| Electric water heater on/ off | Turn the electric water heater on/ off |
|------------------------------------------|------------------------------------------|
| Turn electric water heater on/ off | Turn on/ off the electric water heater |
| Start/ stop electric water heater | Start/ stop the electric water heater |
| Switch the electric water heater on/ off | Switch on/ off electric water heater |
| Switch electric water heater on/ off | Switch on/ off the electric water heater |

| Turn on/off Gas Water Heater | |
|-------------------------------------|-------------------------------------|
| Gas water heater on/ off | Turn the gas water heater on/ off |
| Turn gas water heater on/ off | Turn on/ off the gas water heater |
| Start/ stop gas water heater | Start/ stop the gas water heater |
| Switch the gas water heater on/ off | Switch on/ off gas water heater |
| Switch gas water heater on/ off | Switch on/ off the gas water heater |



3. RV Device Status Query Voice Command

Users can inquire about the RV's battery level, freshwater tank status, gray water tank status, and black water tank status using any of the following voice commands.

*Note: The RV device status query voice command is not applicable to the APP.

Voice Command-List

| Battery Level Check | | | |
|--------------------------|--------------------------|--|--|
| How's the battery | What's the battery level | | |
| Battery level | Battery charge | | |
| How's my battery | Check battery | | |
| Is my battery charged | What is my battery level | | |
| What's my battery status | Check my battery level | | |

| Holding Tank Level | |
|----------------------------------|--------------------------------|
| What are the holding tank levels | What is the holding tank level |
| How are my tanks | How are the holding tanks |
| How are the water tanks | Check holding tanks |
| Check tanks | Check tank level |
| Check holding tank level | Status of holding tanks |

Tank 'Name' refers here to Fresh Water Tank/ Gray Tank/ Black Tank

| 'Name' Tank Level | |
|-------------------------------------|---------------------------------|
| What's the level of my 'fresh' tank | What's my 'fresh water' level |
| Level of my 'fresh water' tank | Level of my 'fresh' tank |
| Level of the 'fresh water' tank | Level of the 'fresh' tank |
| How much 'fresh water' do I have | Status of my 'fresh water' tank |
| 'Fresh water' status | Level of 'fresh water' tank |



4. Scene Mode Voice Command

Scene mode is a batch control feature that allows multiple device operations to be set and executed as a single command.

*Note: Customize the light zone and brightness settings for reading, movie, and relaxation modes in 2.3 Device Control -> 2.3.2 Custom Control

| Scene Mode Instruction | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------|
| Scene mode voice command | Spec |
| All lights on/off/100% | All light zones turn on to the previous brightness setting/ all light zones off/ all light zones set to 100% |
| l'm home | All lights are on 100%. |
| Goodbye | All lights are off. |
| Good night | All lights off. |
| l'm awake | All lights on 50%. More to be added as hardware and controls expand. |
| Shutdown RV | Turn off all lights, water pump, and water heater. More to be added as hardware and controls expand. |
| Reading mode | Bedroom lights 40%. All other light zones 10%. |
| Movie mode | Living room lights 30%. All other light zones are off. |
| Relaxation mode | All lights 30%. |

Voice Command-List

| All Lights On/ off | |
|--------------------------------|-------------------------------|
| Turn all of the lights on/ off | Turn on/ off all lights |
| Switch on/ off all lights | Flip on/ off all lights |
| Flip all lights on/ off | Turn on/ off all light zones |
| Turn on/ off all of the lights | Turn all lights on/ off |
| Switch all lights on/ off | Turn on/ off all of my lights |

| All Lights 100% | |
|------------------------|--------------------------|
| Brighten all lights | Brighten all light zones |
| Brighten up all lights | Turn all lights up |
| Turn up all lights | Turn up all light zones |
| Increase all lights | Increase all light zones |
| Light up the RV | Full brightness |

| Reading Mode | |
|-------------------------------|------------------------|
| I'm going to read | I'd like to read |
| Time to read | Reading mood lighting |
| Reading mood | It's time to read |
| I want to read | Adjust to reading mode |
| Change lights to reading mode | It's reading time |



| Movie Mode | |
|----------------------------|-----------------------------|
| I'm going to watch TV/ | Adjust to movie mode |
| Let's watch a movie | Change lights to movie mode |
| I'd like to watch a movie | I'd like to watch TV |
| Movie mode lighting | I'm going to watch a movie |
| It's time to watch a movie | |

| Relaxation Mode | |
|---------------------------|----------------------------------|
| I'd like to relax | Time to relax |
| Let's relax | Time to unwind |
| Turn down the lights | I want to relax |
| Adjust to relaxation mode | It's time to relax |
| I'd like to unwind | Change lights to relaxation mode |

| I'm Home | |
|----------------|---------------|
| l'm back | We're home |
| We're back | I am home |
| l am back | We are home |
| We are back | l've returned |
| We've returned | I'm back home |

| Goodbye | |
|------------------|----------------|
| I'm leaving | We're leaving |
| Time to go | We're off |
| l'm off | l'm going away |
| We're going away | I am leaving |
| We are leaving | Going away |

| Good night | |
|--------------------|-------------------|
| Time to sleep | Going to sleep |
| Time for bed | I'm ready for bed |
| It's time to sleep | It's bedtime |
| I'm going to sleep | Going to bed |
| I'm going to bed | Time for sleep |

| I'm Awake | |
|---------------------|-----------------------|
| l'm up | We're awake |
| We're up | l am up |
| l am awake | We are awake |
| We are up | Time to start the day |
| It's time to get up | Time to wake up |



| Shutdown RV | |
|------------------|------------------|
| Turn off RV | Turn the RV off |
| Shutdown the RV | Turn off the RV |
| The trip is done | Our trip is done |
| The trip is over | Our trip is over |
| Shut off the RV | Shut the RV off |



IV. APP CONTROL

1. Bluetooth

To remotely control the RV device using a mobile phone, users must first connect and pair the RV panel via Bluetooth. Once successfully paired, the mobile phone can be used for remote control of the device in the RV.

a. Pairing a New RV panel



Try saying 'hey, wake-up word' and you will hear the RV panel, then say the voice command like 'turn on light one'



b. Auto Connect RV Panel

The phone automatically connects to the last connected panel. (If the panel is not powered off and the BT function on the panel is ON)



Note: in certain situations, the phone may fail to connect automatically to the panel. In that case, please tap on the blue text "here" to reconnect manually.



2. Homepage

The home page includes four main parts: RV device status, Scene mode control, Device control, and navigation bar (as shown in the image below).





a. RV Device Status

Users can check the status of the RV battery, voltage, fresh water tank, black water tank, and gray water tank.

| | Charged 12V Fresh | Full I I I I I I I I I I I I I I I I I I I | Gray 2 Gray 3 | 3 Black 2 | |
|-------------------------------------|----------------------|-----------------------------------------------|---------------|-----------|----------------------|
| Battery Status Charged、Good、 | Fair、Low | Charged | Good | Fair | Low 12V |
| Fresh tank level Full、2/3、1/3、Er | npty | Fresh | Fresh | Fresh | Empty |
| Gray tank level Empty 、1/3、2/3、 | . Full | Gray 3 | Gray 3 | Gray 3 | Full |
| Black tank level Empty 、1/3、2/3、 | Full | Black 2 | Black 2 | Black 2 | Full I Black 2 |



b. Scene Mode Control

The Scene mode consists of 8 cards, which comprise of 4 system scenes (movie mode, reading mode, relaxation mode, and shower mode) and 4 custom cards (custom mode 1, 2, 3, and 4).

Users can swipe left to view more.



Scene Mode

Users can quickly control multiple devices through cards in 'Modes'.

Users can quickly operate multiple devices in the RV through the scene mode.









• Custom Scene Mode

Users can modify the order and display of scene mode cards on the homepage.





Interaction Instructions

- a) Tap = and drag to adjust the order, and the position of the card on the homepage will change accordingly.
- b) Tap 😑 to hide the card on 'My RV' page.



• Set Custom Mode



Users can tap "ON/ OFF" or orange text on this page to modify the default setting



*In custom mode, users can tap the light blue area to change the mode name



Interaction Introduction

| Mode Name Custom mode1 | Name your customized mode |
|---------------------------|--------------------------------------------------------|
| ې: Light 1 | Users can select devices to control in the scene mode. |
| ✓ ☆ Light 1 OFF | Set the status of the selected device |
| ✓☆ Light 1ONBrightness10% | |

*Note: Users cannot control custom modes by voice command.



c. Device Control

Users can control the RV device by interacting with cards on 'Controls'.



Light 1 is turned off



- **Detail Description** i.
 - a) Master Control controls all connected light zones, users can use this card to control all connected light zones on/off status and brightness.





b) Users tap to open the brightness pop-up and drag the slider to adjust the light brightness.



c) Users tap the awning and slide card to open the control page.



*Note: To ensure safety, users need to enter the APP PIN to go to the control page. Upon first use, users need to set the APP PIN. (Set PIN process refers to - > APP Safety Lock)





Custom Control ii.



Users can change the card order, hide the card or change the light name on this page



Detail Description









Light 1

Tap

and drag to adjust the order





*If one alias is used for a specific device, it cannot be set to another device of the same category.

to rename the light

For example, if "Bedroom" is assigned to Light1, then it cannot be assigned to other light devices.



d. Voice Control



Users can control the panel by voice command on their phone. Tap the center microphone icon to activate the voice control mode. After hearing the "ding" sound, users can speak the voice command.



*Note

If the voice command is not recognized within 4s, it will automatically exit the voice control and jump to the home page.

Unlike the voice interaction method on the control panel, in the app, the user does not need to say "Hey Power Pro". They just need to click the microphone icon and speak the voice command.



3. Settings

Settings include two main parts: RV settings (including function & maintenance) and APP settings. Users can modify these according to their preferences.





a. Change RV Panel Name

Users can modify the name of the RV Panel, which is also the Bluetooth name of the panel.



b. RV Voice Control

Users can activate/ deactivate the voice command function of the control RV panel. If the user turns off the RV voice control, the Microphone LED & LED on the panel turns off.









c. TTS Notification Settings

Users can turn on/off the voice notification on control panel & the push notification on smartphone with two kinds of settings.



Turn on/off voice notifications of user's voice command.





d. RV Voice Command Reply

Users can turn off the RV voice command reply, and RV panel will directly execute the voice command without the voice reply. Additionally, within the voice command reply menu you can select either a "ding" or a conversational greeting.



e. Microphone LED

Users can turn on/off the LED on the microphone. Turning off the microphone LED does not affect the use of RV voice control.





f. Speaker Volume Setting



Users can set the speaker volume from mute to maximum volume.

User can use the 'Test volume' button to confirm the volume effect.



g. Nickname Setting

Users can set the nickname and RV panel will reply accordingly.



This setting is optional. Default is empty.

User can set their name (maximum 12 alphabets including space, "-"& "_" as separator) so that when the control panel replies to user for certain voice commands, the user name will be included in the voice greeting messages.





h. System Diagnostics

If users think that the voice function on the panel does not work normally, users can run the system diagnostics to check the issue and provide information to the services of WFCO.





i. RV Panel Version (OTA)

Users can update the RV Panel (including firmware and software) on 'Settings - > RV Panel Version'.





*Note: User cannot decompress the OTA package when operating the large current device.



j. RV Help Center

Users can get the up-to-date user manual under this menu.





k. APP Voice Control

Users can turn on/off the App voice control.





I. APP Safety Lock

The safety lock is an APP level lock screen to prevent the device motor functions being controlled by unintended users. The functions include awnings and slideouts.

Users can set in 'Settings - > safety lock'.

| Safety Lock | > |
|-------------------------------------------------------|-------------------|
| 1 Set safety lock | 2 Turn on APP PIN |
| 941 all 🗢 🖬) Settings | 9:41 |
| RV Notifications Microphone LED | EV PD4 |
| Speaker Volume Mute > Nickname PowerPro User > | |
| System Diagnostics > RV Panel Version > Help Center > | |
| APP APP Voice Control | |
| Safety Lock Device Log Sharing PWR PRO Version 1.0.0 | |
| B) My RV Settings | |

m. APP Device Log Sharing

Users can choose whether to agree to upload device and app usage logs (without any personal information) to WFCO for a better user experience.



V. INSTALLATION

1. Mounting the smart power unit

The smart power unit has primarily been designed for three different mounting configurations.

- 1. Wall/Floor Mounting.
- 2. Back of WFCO WF-89xxAD Power Centers.
- 3. Back of WFCO WF-95xxAD Power Centers.



b. Mounting to a Wall or Floor

The smart power unit can be mounted to a wall or floor with four self-tapping screws.





c. Mounting to a WF-89xxAD

The smart power unit can be mounted to the back of a WF-89xx AD power center with four M4*10mm screws, thread M4, thread pitch 0.7mm.



d. Mounting to a WF-95xxAD

The smart power unit also can be mounted to the back of a WF-95xxAD power center with four M4*10mm screws, thread M4, thread pitch 0.7mm.





2. Mounting the Control Panel

The control panel should be mounted in an easily accessible location. Recommended wall square hole dimension is 4.5*8.6 inch for control panel cutout. The user can choose the following length of can bus cable; the can bus cable shall be routed from the control panel to the smart power unit.

- WF-3531: 5' can bus cable
- WF-3532: 10' can bus cable
- WF-3533: 20' can bus cable
- WF-3534: 30' can bus cable







3. Mounting the MORS Kit (Optional)

The MORS kit should be mounted in an easily accessible location. The supplied wire harness should be routed from the MORS interface of smart power unit to the MORS kit.





wall mounting hole dimension

4. Mounting the External Microphone Module (Optional)

The external microphone module shall be mounted on a solid surface (wall or ceiling), away from loud noise sources, away from the main control panel but closest to the main living area. The supplied wire harness should be routed from the control panel to the external microphone module.





- 5. Wiring Instructions
 - a. Smart Power Unit Wiring Instructions

Refer to the below table for wiring specification, use copper conductors only. All wiring shall meet local codes/standards and be performed by qualified personnel.

| Terminal Name | Recommended Wire Gauge | Wire Temperature Rating | Remark |
|-------------------------------------|---------------------------|----------------------------|--------------------------------------------------------------------|
| BATT+ | 10 AWG | Min. 75 °C | Tightening wire with 25 in-lbs torque |
| BATT- | 10 AWG | Min. 75 °C | Tightening wire with 25 in-lbs torque |
| Slide 1~Slide 3 | 10 AWG | Min. 75 °C | The wire end needs to employ UL Listed 250 female quick disconnect |
| Water Pump | 14 AWG | Min. 75 °C | Push-in connection |
| Awning 1~Awning 2 | 14 AWG | Min. 75 °C | Push-in connection |
| Light 1~ Light 4 | 22 AWG | Min. 75 °C | Push-in connection |
| WH-Gas, WH-Elec | 22 AWG | Min. 75 °C | Push-in connection |
| Tank Levels, Brake Light, WH-DSI | 20 AWG | Min. 75 °C | Push-in connection |

b. Smart Power Unit Wiring Diagram





VI. TROUBLESHOOTING

| Power Pro Troubleshooting Guide | | | | |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Issue | Solution 1 | Solution 2 | Solution 3 | Solution 4 |
| Bluetooth light is blue but there is no device connected. | Turn-off last connected device's Bluetooth. | Press and hold BT button on panel for 10 seconds. Button will flash white, erasing all connected devices. | Restart panel. To do this, disconnect shore power and battery. Reconnect shore power and/or battery. | Contact WFCO tech support at 574-294-8997. |
| Panel not responding to wake up words. | In APP settings, ensure 'RV Voice Control' is enabled. | Restart panel. To do this, disconnect shore power and battery. Reconnect shore power and/or battery. | Contact WFCO tech support at 574-294- 8997. | |
| OTA update is not successful. | Click 'Retry' if prompted on phone. | Close out APP, force stop APP, clear APP data and cache, if possible. | Restart panel. To do this, disconnect shore power and battery. Reconnect shore power and/or battery. | Contact WFCO tech support at 574-294-8997. |
| Light zone voice commands are not matching RV unit layout. | Reconfigure light zone names in APP. | Contact WFCO tech support at 574-294-8997. | | |
| Panel is unresponsive. | Restart panel. To do this, disconnect shore power and battery. Reconnect shore power and/or battery. | Contact WFCO tech support at 574-294-8997. | | |



VII. WARRANTY

CONSUMER WARRANTY CLAIM PROCEDURE

After it has been determined that a WFCO product is defective, an RGA number will be required before it can be returned. The RGA number can be requested by completing the Warranty Information Fax Sheet & Troubleshooting Form found at www.wfcoelectronics.com. Once the forms have been completed, email this form along with Proof of Purchase to warranty@wfcoelectronics.com or fax both forms to the Warranty Department (574)-294-8698. After receipt of the forms, an RGA number will be issued. This number shall appear on all correspondence with warranty service. Upon validation of the warranty, WFCO shall replace or repair the product with a like product. The RGA number shall be placed on the outside of the carton used to return the product for ease of identification. Do not mark directly on the product. The product must be packaged properly to avoid further product damage which could cause a non-warrantable condition.

WARRANTY ASSISTANCE

The consumer may contact the selling Dealer or OEM for warranty assistance. The OEM may contact WFCO Technologies at Phone: (574) 294-8997 or Fax: (574) 294-8698.