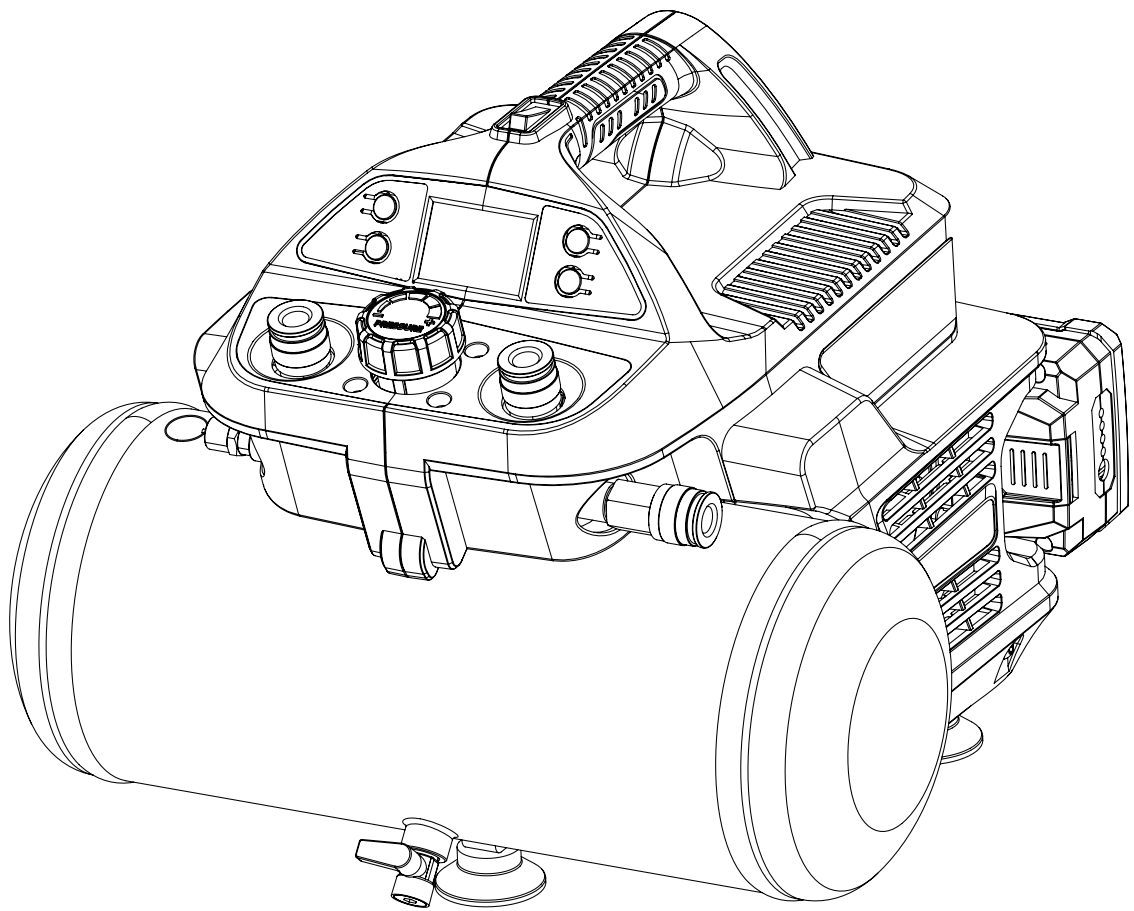




# Cordless Air Compressor Operator's Manual

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**WARNING:**

Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Save these instructions in a safe place and on hand so that they can be read when required. Keep these instructions to assist in future servicing.

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## AIR COMPRESSOR SAFETY WARNINGS

For your own safety, always follow these basic precautions when using this appliance.

1. Read the user Manual carefully for operating instructions. Read all instructions in this manual before use.
2. DO NOT use attachments other than those available from the manufacturer.
3. DO NOT alter this product in any manner; doing so is dangerous and will void all warranties.
4. DO NOT operate under the influence of drugs or alcohol.
5. DO NOT continue to use this product in the event of mechanical or electrical failure.
6. DO NOT exceed the pressure rating of any component in the system.
7. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents. The floor must not be slippery from lubricants, wax dust or anything else that may cause slips and falls.
8. Do not operate air compressors in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
9. Do not expose air compressors to rain or wet conditions. Water entering an air compressor will increase the risk of electric shock.
10. Additional safety protection will be required in some environments. For example, hearing protection, safety hard hats, and eye protection may be required at the users discretion.
11. The battery must be removed before any repairs.
12. When servicing a product, follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of injury.
13. Service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel may result in a risk of injury and will void the warranty.
14. Keep hose away from sharp objects, chemical spills, oil, solvents, and wet floors.
15. DO NOT allow children to operate this unit.
16. Store idle air compressors out of the reach of children and other untrained persons. Air compressors are dangerous in the hands of untrained users.
17. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the product's operation. If damaged, have the air compressor serviced before using. Many accidents are caused by poorly maintained products.
18. Keep the exterior of the air compressor dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean the unit. Following this rule will reduce the risk of deterioration of the enclosure plastic.

19. **Risk of Bursting.** Do not adjust the regulator output pressure greater than the marked maximum pressure of attachment accessory. Do not use at a pressure greater than 135 psi.
20. Inspect tanks yearly for rust or other imperfections that could cause them to become unsafe. Never weld or drill holes in the air tanks.
21. Use the air compressor only for its intended use. Do not alter or modify the unit from the original design or function.
22. Always be aware that misuse and improper handling of this product can cause injury to yourself and others.
23. Do not operate this air compressor if it does not contain a legible warning label.
24. Do not continue to use a tool or hose that leaks air or does not function properly.
25. Always disconnect the air supply, turn the unit off, and remove the battery packs before adjusting, servicing a product, or when a product is not in use.
26. Do not attempt to pull or carry the air compressor by the hose.
27. Always follow all safety rules recommended by the manufacturer of your air tool, in addition to all safety rules for the air compressor. Following this rule will reduce the risk of serious personal injury.
28. Never direct a jet of compressed air toward people or animals. Take care not to blow dust and dirt towards yourself or others. Following this rule will reduce the risk of serious injury.
29. Do not use this air compressor to spray chemicals. Your lungs can be damaged by inhaling toxic fumes. A respirator may be necessary for dusty environments or when spraying paint. Do not carry while painting.
30. Never store a tool with air hose connected. Storing the tool with air connected can result in unexpected firing and possible serious personal injury.
31. Recharge battery only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
32. When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
33. If battery housing is damaged or punctured, liquid may be ejected from the battery. Avoid contact with any battery liquid. If contact accidentally occurs, wash immediately with water. If liquid contacts eyes flush eyes with water, and seek immediate medical help. Liquid ejected from the battery may cause irritation or burns.
34. Do not place batteries near fire or heat. This will reduce the risk of explosion and possibly injury.
35. Do not crush, drop, or damage the battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
36. Do not use a battery pack that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
37. **DO NOT** discard the battery into the trash can. Discard the battery according to your local, state, federal, or country's regulations.
38. Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone this product, loan them these instructions also.

# General Specification

Battery	Li-Ion 48V 2Ah
Flow Rate	2.0CFM@90PSI
Tank Capacity	2Gal
Motor Power	0.7hp
Battery Socket	2
Sound Level	65dB
Charger	Input 110V~240V 50/60Hz Output 50.4V 1A

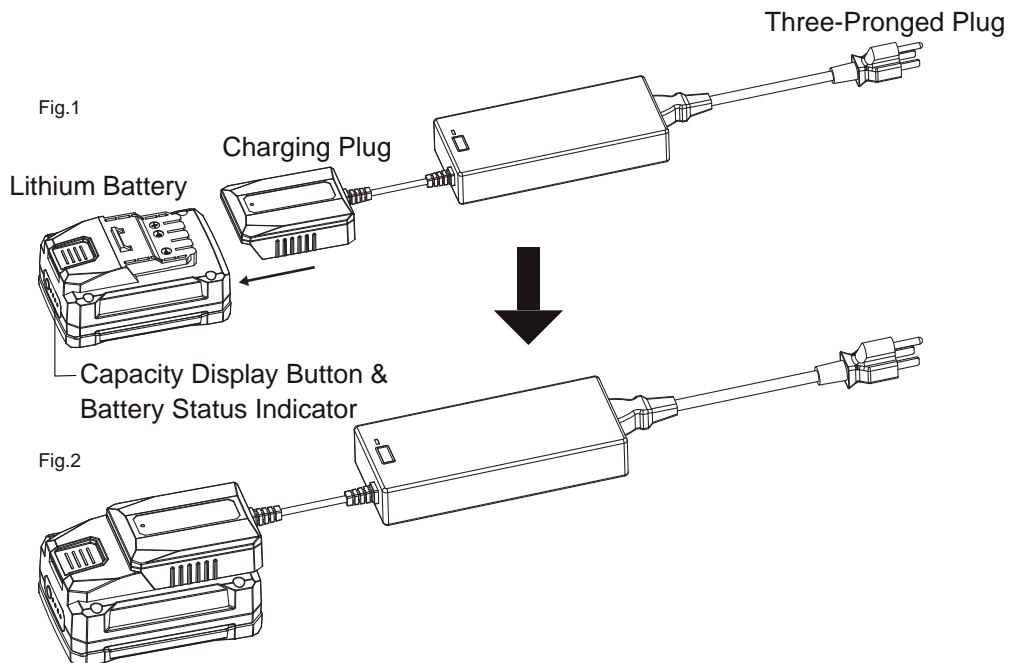
## READY FOR OPERATION

To Charge the Battery for First Use

1. Connect the charger to a standard 110 - 240volt outlet; a red light should appear on the charger.  
**NOTE:** Always connect the charger to a standard 110 - 240volt outlet before connecting the battery.
2. Fully insert the charging plug into the battery card slot until you hear a click or see the battery button toggle back to a flat position. (See Fig. 1 & Fig. 2)
3. Charge the battery until the light on the charger turns solid green.
4. Press the battery button, pull out the charging plug, remove the three-pronged plug from the outlet, and then disconnect the battery from the charger.
5. Press the battery capacity display button, check the battery capacity through the LED light. **NOTE:** Do not leave the battery on the charger after the charge is completed. Unplug the charger from the outlet, and then remove the battery.

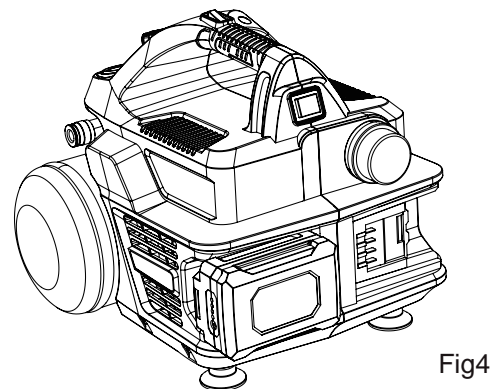
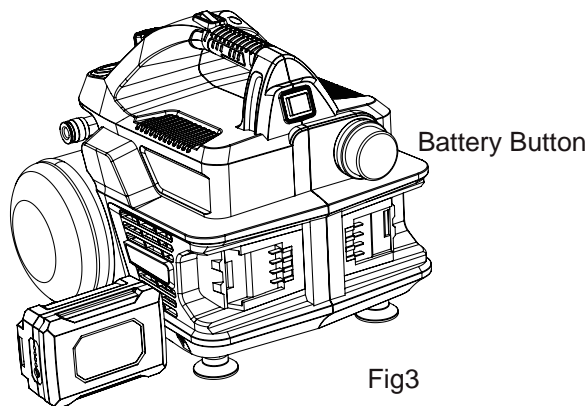
### **⚠ IMPORTANT**

BATTERY MUST BE FULLY CHARGED BEFORE FIRST USE.



## Installation and Removal of the Battery

1. Completely insert the battery into the powerhead along with the card slot until the battery button bounces up. (See Fig. 3 & Fig. 4) Note: Second battery can be installed if necessary.



2. To remove the battery, press the battery button with the thumb, grab other sides of the battery with other four fingers, and then pull the battery out.

## OPERATION

The air compressor should only be operated using the 48-volt lithium-ion battery supplied with the unit. Additional battery units can be purchased from manufacturer.

## APPLICATIONS

The air compressor is utilized in a variety of air system applications. Match hoses, connectors, air tools, and accessories to the capabilities of the air compressor.

You may use this product for the purposes listed below:

Operating light- to medium-duty air-powered tools

Operating air accessories such as air nozzles and automotive tire inflators

## CONNECTING/DISCONNECTING AIR HOSE (HOSE NOT PROVIDED)

Never exceed the air tool's pressure rating as recommended by the manufacturer. When using this air compressor as an inflation device, always follow the maximum inflation guidelines stated by the manufacturer of the item being inflated.

Make sure the air compressor is turned off and the battery packs are not installed.

Rotate the pressure regulator knob fully in the counter-clockwise direction so that the outlet pressure is at zero (0) psi.

Attach a hose with quick connect air fitting to 1/4 in. quick coupler on the air compressor. Make sure to push the hose adapter end fully into the coupler until the sleeve springs forward to lock it in place.

### To disconnect an air hose or an air tool:

Confirm that the outlet pressure is at zero (0) psi.

When disconnecting a hose from 1/4-in. quick coupler, always firmly hold release end of hose.

Pull back on the release sleeve on the 1/4-in. quick coupler.

With a firm grip, pull out the quick-connect air fitting that is attached to the quick coupler.

## USING THE AIR COMPRESSOR

### **⚠**WARNING

**Air powered tools may require more air consumption than this air compressor is capable of providing. Check the tool manually to avoid damage to the tool or risk of personal injury.**

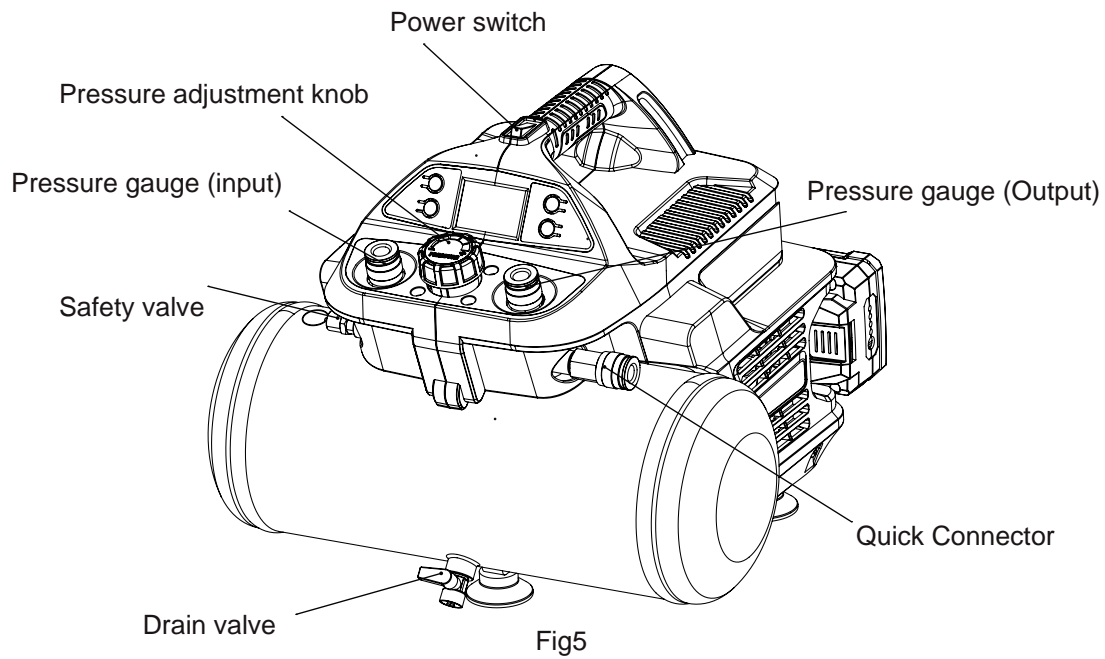


Fig5

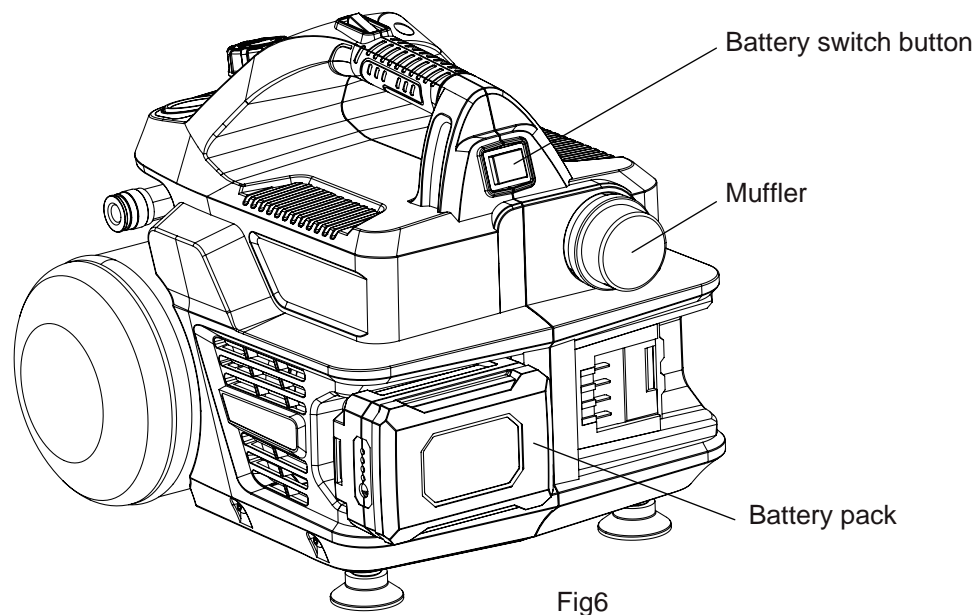


Fig6

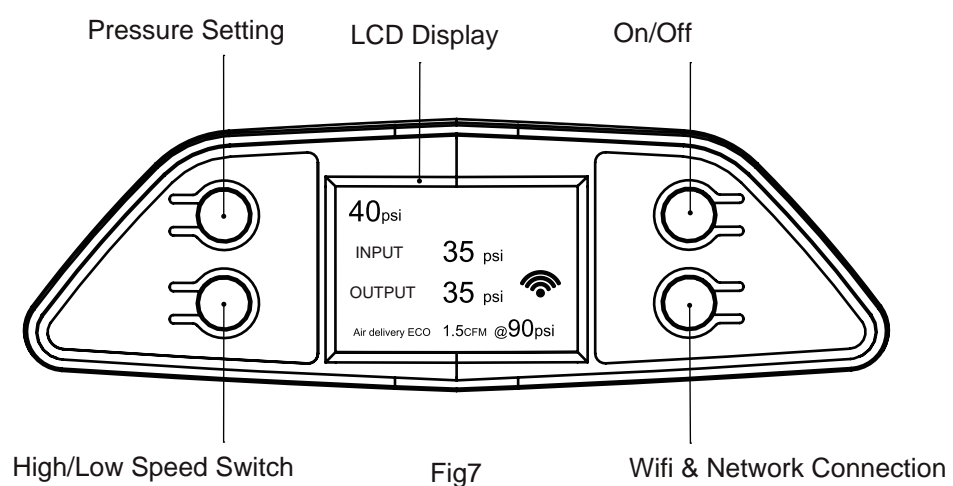


Fig7

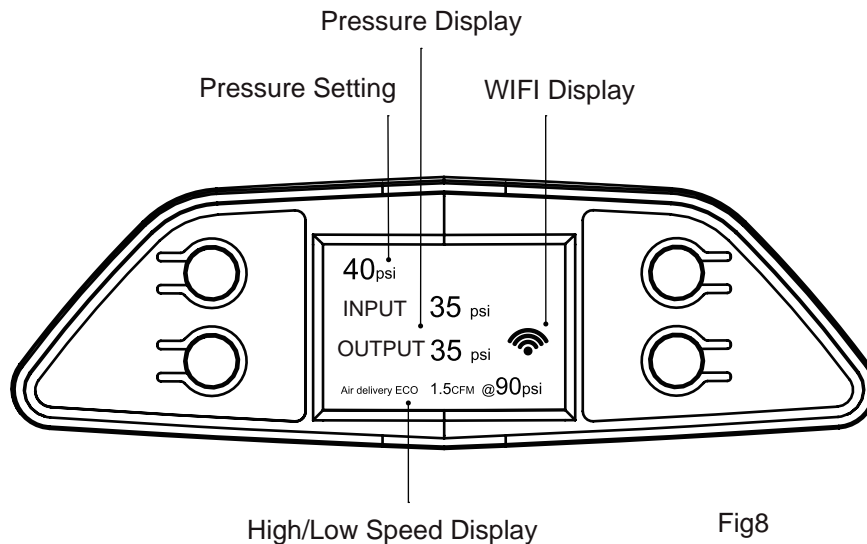


Fig8

**Ensure that the switch is in the OFF position and the battery packs are not installed**

Attach air hose following the instructions in **Connecting/Disconnecting Air Hose** (hose not provided).  
 Attach 1/4 in. NPT quick-connect air fitting to the accessory or tool you intend to use.  
 Insert the other end of the quick-connect air fitting to the quick coupler on the open end of the hose.  
 Install the battery packs.

Press the battery switch button to the battery side. (Note: Middle gear will cut off the power)

Move the power switch to the **ON position**.

Set the amount of air pressure desired using the pressure regulator knob.,then turn clockwise to increase or counterclockwise to decrease the air pressure through the hose.

**NOTE:** Always use the minimum amount of pressure necessary for your application. Using higher pressure than needed will drain air from the tank more rapidly, cause the unit to cycle on more frequently, and reduce battery run time between charges.

Following all safety precautions in this manual and the manufacturer’s instructions in the air tool manual, you may now proceed to use your air-powered tool.

When finished, always drain the tank, turn the unit off, and remove the battery packs. Never leave the unit on and/or running unattended.

**PANEL OPERATION INSTRUCTION**

**On/Off Button:** The compressor launched to start and stop mode after Pressing and holding the ON/OFF button for 2 seconds. No pressure setting value will be displayed when in idle/stop status.

**Pressure Setting:** There are three setting values available. They are: 40psi/2.8bar, 90psi/6.2bar and 135psi/9.3bar. The setting value will disappear after 10 seconds after equipment stops running.

**High/Low speed switch:** LCD will Display “POWER” under high speed mode and “ECO” under low speed mode.

**Combination Button:** Press ON/OFF button for a short while, and press “High/Low speed switch” button for pressure unit selection (PSI and BAR). After finishing, press “High/Low speed control” button for saving. Press ON/OFF for a short while, and press “Pressure Setting” for flow rate unit selection (CFM and LPM). After finishing, press “ON/OFF Control” button for saving.

**WIFI & Network Connection:** Press the button for connecting network to control the compressor by APP. (WIFI will be connected after starting the equipment)

**APP CONTROL**

Download Smart Life App

You can scan the QR code below to download the Smart Life App:

You can also search “Smart Life” in either App Store or Google Play to install the app.



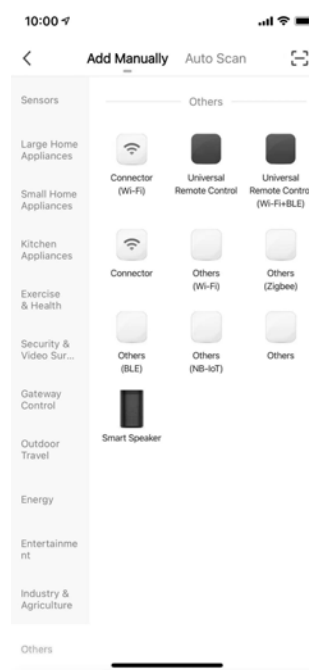
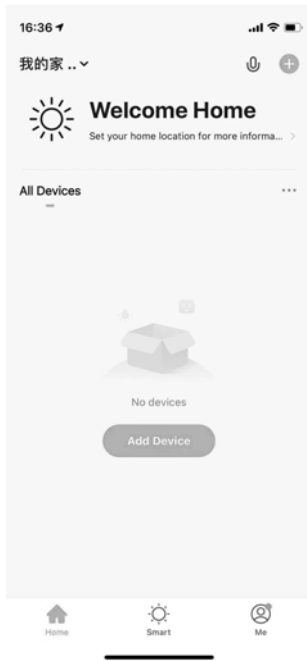
# REGISTER

If you don't have an App account, please register an account first.

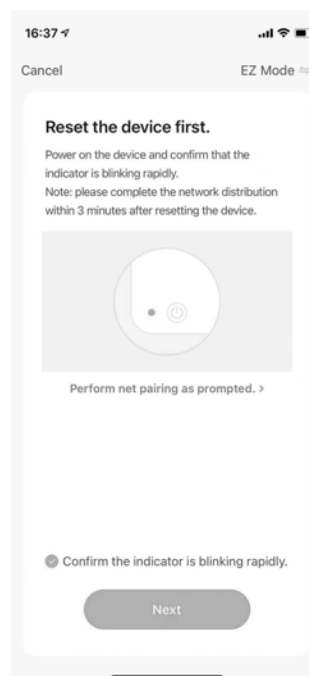
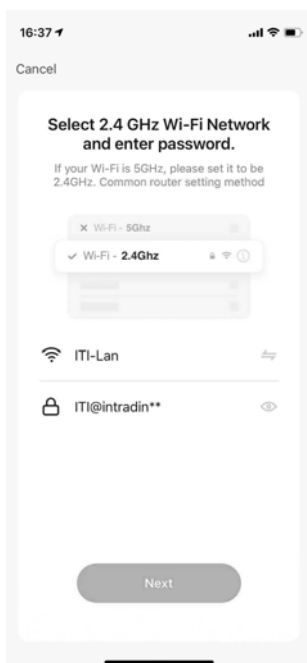
1. Tap to enter registration page, select your country code. Enter the mobile number and tap "Obtain verification code".
2. Then enter the verification code from the message, and enter the password, tap "Confirm" to finish your registration.

# ADD DEVICE

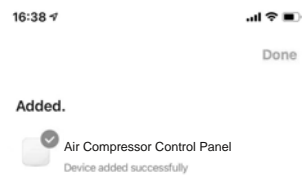
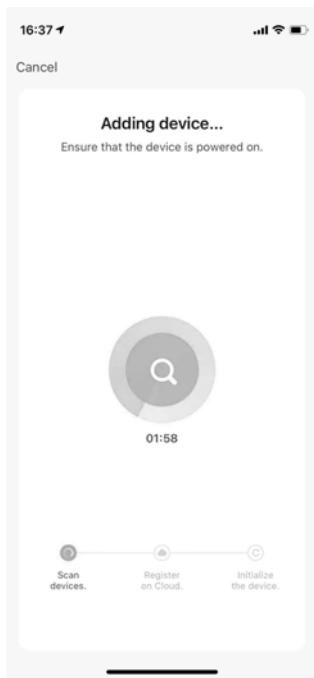
1. Enter the App, tap "Add Device" or "+", then select "Others". Others(Wi-Fi).
2. Please pressing "Connector WiFi" icon on the screen over 3 seconds and make sure the WiFi indicator flashes quickly.



3. Tap to go on to network connecting. Select the Wi-Fi under which device is working, enter password and tap "ok" to enter network connection process.
4. After connecting, you could name the device as you want, then the smart device will be shown on the home page.







5. Device Control Screen: You are now ready to use your product.



**NOTE:** Always use the minimum amount of pressure necessary for your application. Using higher pressure than needed will drain air from the tank more rapidly, cause the unit to cycle on more frequently, and reduce battery run time between charges.

Following all safety precautions in this manual and the manufacturer's instructions in the air tool manual, you may now proceed to use your air-powered tool.

When finished, always drain the tank, turn the unit off, and remove the battery packs. Never leave the unit on and/or running unattended.

## DRAINING THE TANK

To help prevent tank corrosion and keep moisture out of the air used, the air tank of the compressor should be drained daily.

**To drain:** Turn the air compressor off and remove the battery packs.

Turn the drain valves 90° counterclockwise to the **ON**(open) position.

Tilt tank to drain moisture from the tank into a suitable container.

## MAINTENANCE AND STORAGE

Place the Auto On/Off switch in the off position.

Remove battery packs.

Disconnect the air hose and air tool from the product.

Drain air tanks according to instructions.

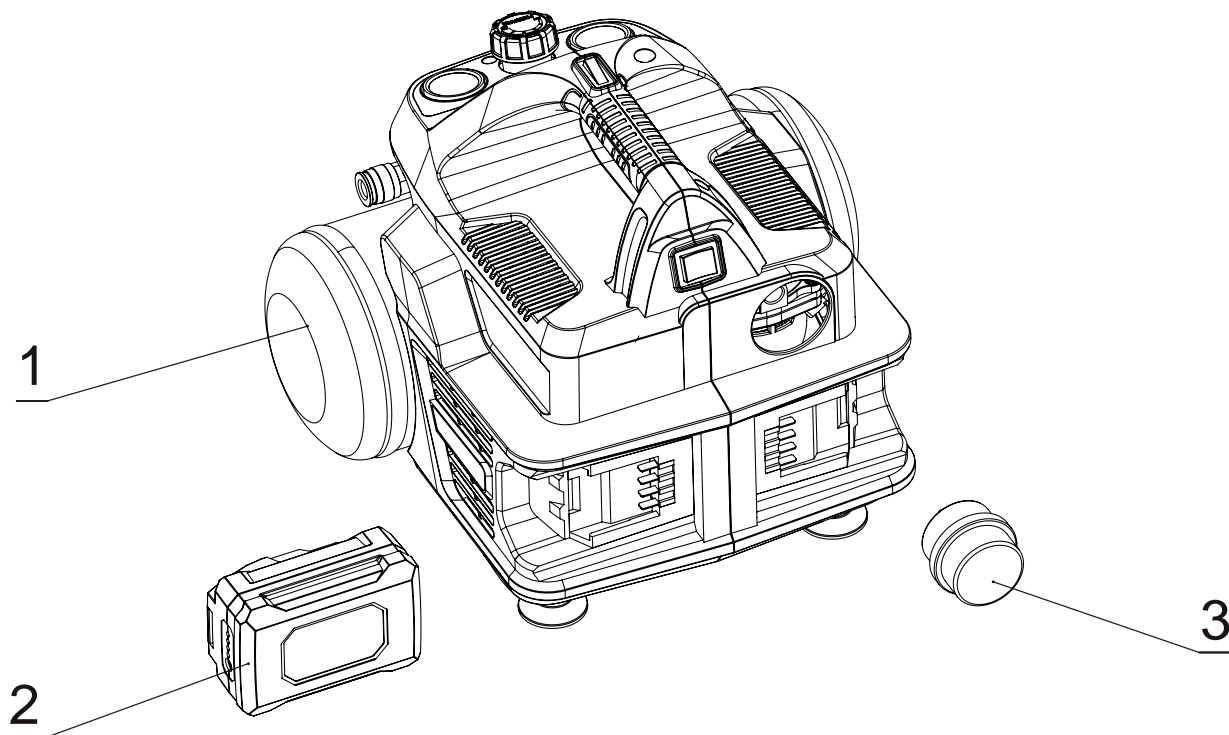
Thoroughly clean air compressor and any accessories.

Hoses may be stored using the strap on the top of the air compressor.

## TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Air compressor not running	Batteries low Pressure switch malfunction Tank is full of air	Recharge battery packs Contact customer service. Compressor will run when tank pressure drops to cut-in pressure
Motor hums but cannot run or run slowly	Shorted or open motor winding Defective check valve or unloader	Contact customer service.
Air tank pressure drops when the compressor shuts off	Loose connections (fittings, tubing, etc.) Loose drain valve / open drain valve Check valve leaking	Check all connections with soap and water solution and tighten Tighten drain valve / close drain valve Contact customer service.
Excessive moisture in the discharge air	Excessive water in the air tank High humidity	Drain tank Move to area of less humidity; Use aviation-grade filters
Compressor runs continuously	Defective pressure switch Excessive air usage Piston rings are worn	Contact customer service. Decrease air usage; compressor not large enough for tool's requirement Replace piston rings
Air output lower than normal	Broken inlet valves Connections leaking	Contact customer service. Tighten connections

# PARTLIST



Part No.	Description	QTY	
1	Air compressor	1pc	Assembly
2	Battery pack 48V 2Ah	1pc	Assembly
3	Muffler	1pc	Assembly



North America Contact Information  
 Great Circle USA  
 Support Line: 1-866-493-0524  
[help@greatcircleus.com](mailto:help@greatcircleus.com)  
[www.greatcircleus.com](http://www.greatcircleus.com)

UK&EU Contact Information  
 Great Circle USA  
[Service@greatcircleus.com](mailto:Service@greatcircleus.com)  
[www.greatcircleus.com](http://www.greatcircleus.com)

#### FCC Warning

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.