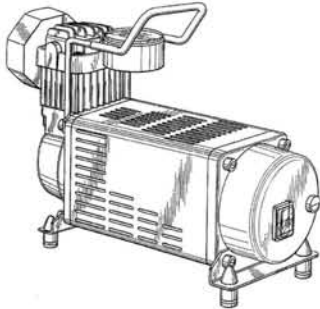




Contact us before returning this product to the retailer.

# Owner's Manual



## SUPERFLOW<sup>®</sup> MV50

### MAXIMUM VOLUME PORTABLE AIR COMPRESSOR

PLEASE READ THIS MANUAL CAREFULLY  
BEFORE OPERATING YOUR AIR  
COMPRESSOR

BEFORE OPERATING THE UNIT, IF YOU  
HAVE ANY QUESTIONS, PLEASE CONTACT  
US FIRST AT:

Q Industries Inc  
401 East Las Olas Blvd., Suite 130  
Fort Lauderdale, Florida 33301  
P 303.629.7700 F 303-568-7700  
[CustomerService@qindustries.net](mailto:CustomerService@qindustries.net)

### Hints for long life

Turn the compressor on before connecting to the tire.

We recommend an on/off cycle time of 20 minutes rest/off for every 40 minutes of run time.

To prevent damage to the air hose, remove the inflator from the tire before disconnecting the hose from the compressor.

### SPECIFICATIONS

Motor: 12-Volt DC

Fuse: 30 Amp

Maximum working pressure: 120psi.

Maximum re-start pressure: 90psi.

Maximum continuous operating time is 40 minutes.

Cylinder Hole outlet diameter: 10 millimeters

### Overheating Protection Circuit:

The unit is equipped with an automatic protection device. In the event the unit reaches an unsafe operating temperature, a protection circuit will cut power to prevent damage to the unit. If the protection circuit activates, immediately disconnect the unit from the power source and allow it to cool.

The unit will cool in approximately 15 minutes, depending on environmental conditions. The protection circuit will automatically reset itself when the temperature returns to a safe operating level.

High altitude and certain air temperatures can negatively affect the unit's performance.

### Parts and Accessories

[www.Qindustries.net](http://www.Qindustries.net)

### CAUTION:

Use extreme caution when connecting the unit to a power source, as batteries can vent explosive gases. Avoid connections that could produce a spark. Consult your vehicle's owner's manual or a qualified mechanic for proper connection procedure.

After 40 minutes of continuous operation, allow the unit to cool before restarting. Damage can occur from continued overuse.

The compressor was permanently lubricated during assembly. Do not add oil or any other lubricant.

The unit will become hot during use. Please use caution when touching the unit in order to avoid burns. Only hold the unit by the carry handle and allow the unit to cool before storing.

Only inflate tires to the manufacturer's recommended pressure. Do not over inflate as tire failure or serious injury could occur.

The use of work gloves and safety glasses is recommended when operating the compressor.

Keep the unit out of reach of small children. Clean with a damp cloth only. Do not use chemicals or soap.

Do not use the unit for pumping, compressing or transferring any gas or liquid other than air. The unit is not designed for use as a source of breathable air.

There are no user serviceable parts inside the unit. Do not disassemble.

## **EXTRA CAUTION:**

### **Small Tires, Bicycles and Sports Balls:**

Use extra caution when inflating small objects. Pay close attention to the pressure gauge, and be prepared to stop the unit quickly when manufacturer's recommended inflation pressure is reached. Or you will be very unhappy when you blow out your bike tire tube.

## **Operation:**

Place the unit on a dry level surface. Attach the air filter to the front of the unit and finger tighten.

Connect the air supply hose to the unit using the quick connect fitting.

Connect the **Red** power clip to a **Positive 12 volt** source. Connect the **Black** power clip to a **Negative** ground point.

Turn the compressor switch to "on" and air will begin to flow. Always turn the unit on before connecting to the tire.

3. **Stopping and restarting:** at high pressure can overload and blow the inline fuse. At higher inflation pressures, start the unit and then attach to the filler to the tire valve stem. If you stop the unit and need to resume inflation, remove the inflator tip from the tire valve, start the unit and reattach with the unit running.

Check to ensure the valve stem is clean and free of dirt.

Connect the air hose by screwing the brass inflator onto the tire valve stem. Only finger tighten the inflator. Do not use any tool as you may damage the inflator or the valve stem.

Watch the gauge closely, and remove the inflator from the tire when the manufacturer's recommended pressure has been achieved.

Turn off the compressor.

We recommend that you use a second tire pressure gauge to verify your tires are inflated to the proper pressure.

Remember to replace the valve cover on the stem.

Disconnect the power cord. Remove air filter.

Allow the compressor to cool and place neatly in the carry bag with the clips securely fastened to the loops on the carry bag.

Store the unit in a dry location.

## **Troubleshooting:**

- **If the unit stops during operation:**

1. Check the battery condition. Low voltage can blow the fuse or trigger the protection feature.
2. Check the in-line fuse and replace if necessary.
3. The MV50 is equipped with an automatic protection device. In the event the unit reaches an unsafe operating

temperature, a protection circuit will cut power to prevent damage to the unit. If the protection circuit activates, immediately disconnect the unit from the power source and allow it to cool.

- **Replacing The Fuse:**

- a. Remove the battery clips from the power source.
- b. Carefully open the black inline fuse holder. Remove the broken fuse.
- c. Make sure the metal clips are gripping the fuse blade securely.
- d. If the clips are loose, gently crimp the clip with pliers.
- e. Insert the new fuse. Be sure fuse blades slide into the metal clips.
- f. Reassemble the holder and replace the plastic cap.

- **If air is leaking from inflator end :**

The inflator end has a dual function, to inflate and deflate your tire. Be sure to fully extend the brass inflator to inflate your tire. Push back and turn the brass end to deflate. Inspect inside the ez twist inflator for damage to the O rings. If they are damaged contact Q Industries for a replacement hose.

- **California Proposition 65**

Warning! This product or its power cord contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

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