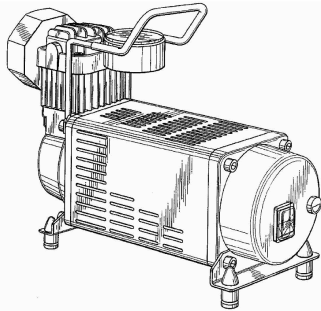


# SUPERFLOW®

## MV50

### PORTABLE AIR COMPRESSOR

# Owner's Manual



**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: 954.689.2263 F 303.568.7700

E Mail: [Customerservice@qindustries.net](mailto:Customerservice@qindustries.net)

Parts and Accessories

[www.qindustries-store.net](http://www.qindustries-store.net)

## 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.

## WARNING:

**WARNING! READ ALL INSTRUCTIONS** before operating product. Failure to follow all instructions below may result in electrical shock, fire and serious injury or death.

**WARNING! Always wear ANSI Z87.1 approved safety glasses with side shields when operating.** Compressed air and particulate matter can cause eye and soft tissue damage. Keep air stream away from skin and eyes

**WARNING! RISK OF BURNS:** Always wear gloves. Some exposed parts may become hot during use.

**WARNING! RISK TO BREATHING:** This compressor is not designed for and never should be used as a source of breathable air.

**WARNING! RISK OF ELECTRIAL SHOCK:** This compressor is for use in dry conditions only.

**WARNING! RISK OF FALLING:** This compressor will produce vibrations and can "walk." Only operate at ground level.

**WARNING! RISK OF FIRE:** This unit will become hot during operation. Allow to cool before storing.

**WARNING! RISK OF BURSTING:** Use only accessories rated for 120 psi. Always follow tire manufacturer's recommended inflation instructions. In most cases they can be located on the side wall of the tire. If you are unsure, contact the manufacturer.

**WARNING! DO NOT MODIFY:** Never drill, modify or attempt to repair the unit. There are no user serviceable parts inside.

**WARNING! SAFE HANDELING:** Never carry the unit by the hose or power cord.

**WARNING! PAY ATTENTION:** Do not leave the unit running unattended.

**WARNING! 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.

### • Hard Mounting:

This unit may be hard mounted in a dry location. Be sure to use proper size wiring for your application. When using this unit with an air tank, you must install a back-flow preventing device to prevent damage to the cylinder head air valve. The cylinder head is drilled to 10mm with metric thread. Do not try to rethread.

## EXTRA CAUTION:

Small items will inflate quickly and can easily be damaged.

Pay special attention to bicycle tires. They inflate very fast and can rupture.

Be prepared to stop the unit quickly when manufacturer's recommended inflation pressure is reached.

## Operation:

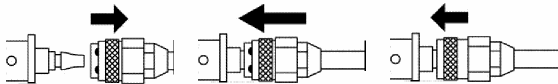
When operating the unit, be sure to be in a safe location off of the roadway and away from traffic.

Unpack the unit and inspect for damage. Fully unwrap the power cord.

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.

1. Slide retaining snap ring back.
2. Slide the fittings together firmly.
3. While holding fittings together firmly slide the outer ring forward to lock.



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

Test the connections by switching the compressor to "on." Air will begin to flow.

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, switch the unit off or remove the inflator from the tire when the manufacturer's recommended pressure has been achieved.

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

**Stopping and restarting:** at high pressure can overload and blow the in-line 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.

Allow the compressor to cool and place neatly in the carry bag with the clips securely fastened to the loops on the carry bag. To prevent damage to the unit during storage repack in the original Styrofoam and color box.

Store the unit in a dry location.

Remember to replace the valve cover on the stem.

## Operating Hints

Turn the compressor on before connecting to the tire in order to reduce stress on the motor.

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 fitting, remove the inflator from the tire before disconnecting the hose from the compressor.

## 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 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.

### ● Replacing The Fuse:

- a. Remove the battery clips from the power source.
- b. Carefully open the black in-line fuse holder. And 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 :

Your inflator hose end may have 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.

## Warranty

This portable High Volume Air Compressor is warranted by Q Industries, Inc., to be free of defects in materials and workmanship for a period of 2 years from date of original purchase. This warranty does not cover units damaged by abuse or operated above recommended pressures. There is no other warranty, hereunder, either expressed or implied. In the event of a defect, the air compressor will be repaired or replaced at our option. Please contact Q Industries, Inc. by email or telephone to obtain a return authorization number and a shipping address. Q Industries, Inc. shall not be responsible for any other incidental, contingent, or consequential charges or damages. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State. Some States do not allow limitations on how long an implied warranty lasts or the above limitations or exclusions may not apply to you.

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Printed in China  
Revised: Oct 10, 2011