



PORTABLE COMPRESSOR



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USER'S MANUAL



M90610A

It is essential that you and any other operator of the product read and understand the contents of this manual before installing and using this product.

SAVE THIS MANUAL FOR FUTURE REFERENCE

P/N: 8016601

SPECIFICATIONS

Maximum Voltage:	13.8 volt
Maximum Amperage Draw:	45 amp
Maximum Restart Pressure:	150Psi
Maximum Air Flow:	160 L/min



P/N: 8072601

SPECIFICATIONS

Maximum Voltage:	13.8 volt
Maximum Amperage Draw:	30 amp
Maximum Restart Pressure:	150Psi
Maximum Air Flow:	72 L/min



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 ELECTRICAL 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 HANDLING: Never carry the unit by the hose or power cord.

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

- **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.

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.

Operating warning:

This unit is designed to supply continuous flow of air. Never dead end the hose or use accessory that stop the free flow of air. Damage to the unit can occur.

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 over-tighten the inflator.

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.

Trouble shooting

- If the unit stops during operation:

1. Check the battery condition. Low voltage can trip the circuit breaker or trigger the protection feature.
2. Check the circuit breaker reset 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.

- Resetting Circuit Breaker:

The circuit breaker is located next to the on/off switch on the top of the rear housing. During normal operation it remains in the down position almost even with the base. In the event of an overload it will pop-up. If this happens, Turn the power switch to off, disconnect the air hose and power cord. Push the breaker down to reset and resume operation.

- 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.