



18V CORDLESS AIR PUMP

OPERATING MANUAL

AP-L0218

PRODUCT SPECIFICATION

Voltage:	18V
Gauges:	Analog Readout (PSI)
Max Pressure:	160psi
Flow Rate:	12L/min for inflator
Inflator Hose Length:	500mm

GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury.

Keep safety warnings and instructions for future reference.

The term “power tool” in the safety warnings refers to your mains operated (corded) power tool or battery- operated (cordless) power tool.

2.1 WORKING AREA

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

2.2 ELECTRICAL SAFETY

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of an electric shock.
- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of an electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of an electric shock.
- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of an electric shock.

2.3 PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts..
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

2.4 POWER TOOL USE AND CARE

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.
- Use the power tool, accessories and cutting tools, etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

2.5 SERVICE

Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

2.6 AIR PUMP SAFETY WARNINGS

- Inspect the Air Pump before use and do not use if any of the components are broken, burnt, melted, wet or damaged
- Check the tyre pressures before inflating so as not to exceed the rated pressure as the tyres may burst if overinflated.
- Do not use the Air Pump on high pressure tyres such as those used on commercial vehicles, agricultural or specialist vehicles.
- Do not kink or block the air hose while the Air Pump is working.
- Keep the car engine running when using the Air Pump otherwise the car battery will run out.
- Know your Air Pump. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire or serious injury.
- Do not use the Tyre inflator when the vehicle is moving.
- The Air Pump is not designed for continuous use. Operation over an extended period of time will overheat and damage the Air Pump. It should not be used continuously for more than 30 minutes. After 10 minutes, turn it off and let it cool for 15 minutes before resuming operation.
- Inspect unit for cracks, pin holes, or other imperfections that could cause the Air Pump to become unsafe. Never cut or drill holes in the Air Pump.
- Make sure the hose is free of obstructions or snags. Entangled or snarled hoses can cause loss of balance or footing and may become damaged.
- Use the Air Pump only for its intended use Do not alter or modify the unit from the original design or function.
- Always be aware that misuse or improper handling of this Air Pump can cause injury to yourself and others.
- Never leave a Air Pump unattended with the air hose attached to the item being inflated.
- Do not continue to use a Air Pump or hose that leaks air or does not function properly.
- Always disconnect the air supply and power supply before making adjustments, servicing or when the unit is not in use.
- Do not attempt to pull or carry the Air Pump by the hoses.
- Always follow all safety rules recommended by the manufacturer. Following this rule will reduce risk of serious personal injury.
- Do not use as a breathing device.
- 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 personal injury.
- Protect your lungs. Wear a face or dust mask if the operation is dusty. Following this rule will reduce the risk of serious personal injury.
- Do not use this unit to spray chemicals.
- Check damaged parts. Before further use of the air pump, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breaking of parts, mounting and any other conditions that may affect its operation.
- Risk of Bursting. Carefully monitor objects during inflation.
- To reduce the risk of over inflation, use a reliable pressure gauge periodically during inflation. The pressure gauge on the air pump is for reference only and is therefore not binding for exact values.

ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS



Use only batteries and chargers applicable for this machine.

4.1 BATTERIES

- Never attempt to open for any reason.
- Do not store in locations where the temperature may exceed 40 °C.
- Charge only at ambient temperatures between 4 °C and 40 °C.
- When disposing of batteries, follow the instructions given in the section "Protecting the environment".
- Do not cause short circuits. If connection is made between the positive (+) and negative (-) terminal directly or via accidental contact with metallic objects, the battery is short circuited and an intense current will flow causing heat generation which may lead to casing rupture or fire.
- Do not heat. If batteries are heated to above 100 °C, sealing and insulating separators and other polymer components may be damaged resulting in electrolyte leakage and/or internal short circuiting leading to heat generation causing rupture or fire. Moreover do not dispose of the batteries in fire, explosion and/or intense burning may result.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
- Carefully wipe the liquid off using a cloth. Avoid skin contact.
- In case of skin or eye contact, follow the instructions below:
 1. Immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar.
 2. In case of eye contact, rinse abundantly with clean water for at least 10 minutes.
 3. Consult a physician.



Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery.

4.2 CHARGERS

- Never attempt to charge non-rechargeable batteries.
- Have defective cords replaced immediately.
- Do not expose to water.
- Do not open the charger.
- Do not probe the charger.
- The charger is intended for indoor use only.

SYMBOLS

In this manual and/or on the machine the following symbols are used:



Denotes risk of personal injury or damage to the tool.



Read manual before use



Wear eye protection



Wear ear protection



Wear safety gloves



Wear respiratory protection



In accordance with essential requirements of the European directive(s)



Class II - The machine is double insulated; Earthing wire is therefore not necessary (only for charger)



Ambient temperature 40°C max. (only for battery)



Do not expose charger and battery pack to water



Use battery and charger only in closed rooms



Do not incinerate battery pack or charger

6. PRODUCT ACCESSORIES

1. Schrader inflator
2. Sport ball Needle
3. Inflatable attachment
4. Schrader to Presta convertor
5. Battery (not included)
6. Charger (not included)

7. BEFORE YOU START

UNPACKING

This product has been shipped completely assembled.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.



Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled could result in serious personal injury.

- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packaging material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing please contact your retailer.

8. OPERATION

APPLICATIONS

You may use this compressor for the purpose listed below:

- Inflating items like motorcycle, car and bicycle tires.
- Inflating and deflating low pressure items like air mattresses, rafts and floats.
- Do not use on high pressure tyres such as those used on commercial vehicles, agricultural or specialist vehicles.

POWER SWITCH

Use the trigger on the Air Pump unit.

INFLATING WITH THE AIR HOSE AND ACCESSORIES

The air hose can be used with the provided adaptors to inflate a variety of items.

- Select the appropriate adapter and screw into the valve connector
- The adapter for sports balls and the adaptor for air mattresses and rafts are clipped onto the rear of the Tyre inflator.
- Insert the connector adapter into the appropriate inlet of the inflatable.
- Plug the 20V DC plug into the vehicle 20V socket.

ACCESSORIES

The supplied accessories perform a variety of functions, The tapered adaptor can be used on smaller pinch valves to inflate items like floats and children's toys, which usually require the user to inflate them by blowing air into them. The sport needle can be used to inflate any type of sports ball or any other item that requires an inflation sport ball needle.

NOTE: When inflating items of 10PSI or less, inflate in short bursts and check after each burst by feel or with the calibrated measuring device to determine accurate pressure.

9. CLEANING AND MAINTENANCE

Always disconnect the plug from the socket before carrying out any cleaning work.

9.1 CLEANING

- Keep all air gaps and engine housing clean as far as possible.
- Wipe the device with a clean cloth or blow it with compressed air.
- We recommend cleaning the device every time it's done.
- Clean the device regularly with a damp cloth and a small amount of soap. Do not use detergents or solvents that can damage the plastic parts of the device. Be careful that water does not get inside the device.

9.2 MAINTENANCE

Our machines have been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper machine care and regular cleaning. Please charge the battery regularly, for example, once every 6 months.

10. REPAIR

Only use accessories and spare parts recommended by the manufacturer.

If the device is damaged after a few days, despite our quality control and your maintenance, only an authorized electrician can repair it.

11. ENVIRONMENT

Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check you're your Local Authority or retailer for recycling advice.



Fig 1



Picture of the compressors Gauge

- 1: The unit of blue scale is Bar
- 2: The unit of black scale is PSI

