UNIMAC | ACM-1000s

OIL-FREE AIR COMPRESSOR



User Manual

[Revision 7.0]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description, and packaging.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You WILL be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You CAN be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You CAN be INJURED if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases, or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well it.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol, or medication.
- This equipment is not intended for use by persons with reduced physical, sensory, or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start, or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors, and vents.

General Equipment Use and Care

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage, or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases, or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids, or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

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General Electrical Safety

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!



- **WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.**
- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

General Safety Warnings

- **WARNING! READ AND UNDERSTAND ALL INSTRUCTIONS. FAILURE TO FOLLOW ALL INSTRUCTIONS LISTED BELOW, MAY RESULT IN ELECTRIC SHOCK, FIRE AND/OR SERIOUS PERSONAL INJURY.**
- Read all instructions. Know your power tool. Read the operator's manual carefully. Learn the applications and limitations as well as the specific potential hazards related to this tool.

Work Area Safety

- Keep work area clean. Cluttered areas and benches invite accidents. Do not leave tools or pieces of wood on the tool while it is in operation.
- Do not use in dangerous environments. Do not use power tools in damp or wet locations or expose to rain. Keep the work area well lit.
- Keep children and visitors away. All visitors should wear safety glasses and be kept a safe distance from work area. Do not let visitors contact tool or extension cord while operating.
- Never use in an explosive atmosphere. Normal sparking of the motor could ignite fumes.

Electrical Safety

- Guard against electrical shock by preventing body contact with grounded surfaces, e.g., pipes, radiators, ranges, refrigerator enclosures.
- Do not abuse cord. Never carry tool by the cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- Should any electrical component of the tool fail to perform properly, shut off the power switch, remove the plug from the power source and replace before resuming operation.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Personal Safety

- Stay alert and exercise control. Watch what you are doing and use common sense. Do not operate tool when you are tired. Do not rush.
- Dress properly. Do not wear loose clothing, neckties, or jewellery that can get caught and draw you into moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Also wear protective hair covering to contain long hair.
- Always wear safety glasses with side shields. Everyday eyeglasses have only impact resistant lenses; they are not safety glasses.
- Protect your lungs. Wear a face or dust mask if the operation is dusty.
- Protect your hearing. Wear hearing protection during extended periods of operation.
- Do not overreach. Always keep proper footing and balance.
- Remove adjusting keys and wrenches. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

Air Compressor Use and Care

- Do not exceed the pressure rating of any component in the system.
- Protect material lines and air lines from damage or puncture. Keep hose and power cord away from sharp objects, chemical spills, oil, solvents, and wet floors.
- Check hoses for weak or worn condition before each use, making certain all connections are secure. Do not use if defect is found. Purchase a new hose or notify an authorized service centre for examination or repair.
- Release all pressures within the system slowly. Dust and debris may be harmful.
- Store idle air compressors out of the reach of children and other untrained persons. Air compressors are dangerous in the hands of untrained users.
- Maintain air compressors with care. Follow maintenance instructions. Properly maintained products are easier to control.
- 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.
- 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.

Service

- When servicing use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. Save these instructions. Refer to them frequently and use them to instruct other users. If you loan someone this tool, loan them these instructions also.

Air Compressor Safety Warnings

- Know your air compressor. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this product. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- Drain tank of moisture after each day's use. If unit will not be used for a while, it is best to leave drain valve open until such time as it is to be used. This will allow moisture to completely drain out and help prevent corrosion on the inside of tank.
- Risk of fire or explosion. Do not spray flammable liquid in a confined area. Spray area must be well ventilated. Do not smoke while spraying or spray where spark or flame is present. Keep compressors as far from the spraying area as possible, at least 10 m (33 feet) from the spraying area and all explosive vapours.
- Risk of bursting. Do not adjust regulator to result in output pressure greater than marked maximum pressure of attachment. Do not use at pressure greater than 115 psi.
- If connected to a circuit protected by fuses, use time delay fuses with this product.
- To reduce the risk of electric shock, do not expose to rain. Store indoors.
- Inspect tank yearly for rust, pin holes, or other imperfections that could cause it to become unsafe.
- Never weld or drill holes in the air tank.
- 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 compressor only for its intended use. Do not alter or modify the unit from the original design or function.
- Always be aware that misuse and improper handling of this product can cause injury to yourself and others.
- Never leave a tool unattended with the air hose attached.
- Never point any air tool toward yourself or others.
- Do not operate this air compressor if it does not contain a legible warning label.
- Do not continue to use a tool or hose that leaks air or does not function properly.
- Always disconnect the air supply and power supply before adjusting, servicing a product, or when a product is not in use.
- Do not attempt to pull or carry the air compressor by the hose.
- Your tool may require more air consumption than this air compressor can provide.
- 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.
- 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.
- Do not use this air compressor to spray chemicals. Your lungs can be damaged by inhaling toxic fumes. A respirator may be necessary in dusty environments or when spraying paint. Do not carry while painting.
- Inspect product cords and hoses periodically and, if damaged, have them repaired at your nearest authorised service centre. Constantly stay aware of cord location. Following this rule will reduce the risk of electric shock or fire.
- Never use an electrical adaptor with this grounded plug.
- Check for damaged parts. Before further use of the air compressor or air tool, 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, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre. Following this rule will reduce the risk of serious injury.
- Never store a tool with an air line connected. Storing the tool while connected to an air supply can result in unexpected operation, firing or movement and possible 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.
- If the power supply cord is damaged, it must be replaced only by the manufacturer or by an authorised service centre to avoid risk.
- 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.

- The machine shall be connected to a circuit protection device (fuse or circuit breaker).
- Operate the machine from the front of the control panel.
- When the machine is in operation, many parts of machine may cause a high temperature. Use necessary personal protection equipment such as gloves to avoid injuries resulting from a high temperature.
- This machine is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge. Children should be supervised to ensure that they do not play with the machine.

Personal Protective Equipment

- **CAUTION! WEAR PROTECTIVE CLOTHING AND SAFETY EQUIPMENT TO PROTECT YOURSELF.**

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Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.



Flammable Material Hazard
Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.



Read User Manual
Read and fully understand product safety warnings, operation, procedures etc before using the product.



Use Hand Protection
Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.



Carbon-Monoxide Hazard
Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.



Electrocution / Electrical Shock Hazard
High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.



Toxic Fumes / Dust Hazard
Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.



Explosive Material Hazard
Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.



Cutting / Amputation Hazard
The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.



Crush Hazard
The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.



Single Operator Only
The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.



Use Face Protection
Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.



Use Foot Protection
Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.



Use Eye / Ear / Head Protection
Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing, and head hazards.



Running Hazard
Do not run on or near the product as doing so may present a fall hazard.



Diving Hazard
Do not dive into the product as doing so may present a neck / head injury hazard.



Adult Supervision Required
Always supervise children and other users of a product to prevent drowning or injury.



Skin Penetration / Puncture Hazard
The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.



Hot Surface Hazard
Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.



Flying Debris Hazard
Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.



Moving Parts Hazard
Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.

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Carbon-Monoxide Hazard
Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.



Pull Hazard
Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.



Slope / Fall Injury Hazard
Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.



"Slam Dunk" Warning
Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.



Electrocution / Electrical Shock Hazard - Outdoor
High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp, or wet conditions. Electrical shock can be fatal.



Electrocution / Electrical Shock Hazard - Disconnect
High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.



Power Line Electrocution Hazard
High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.



"Kick-Back" Hazard
High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.



Winch Operator Position Hazard
Do NOT stand between winch and load. Do NOT use winch to move people.



Winch Lift Hazard
Do NOT LIFT load vertically. Use machine to PULL only.



Cable Hazard
Ensure that load bearing cable is not kinked or knotted.



Winch Cable Hazard
Ensure that there is a minimum number of cable coils on winching mechanism.



Winch Hook Hazard
Carry hook to load – do NOT throw or run.



Flash / Blinding Hazard
Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.



Laser Hazard
Laser may be in use – do NOT look directly at laser or allow others to.



Choking Hazard
Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.

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Parts Identification



No.	Name	No.	Name
1	Pressure Regulator	6	Air Tank Drain Tap
2	Pressure Switch ON / OFF button	7	Castor wheel
3	Air Filter	8	Motor
4	Air Tank	9	Safety Valve (not visible on image)
5	Wheel	10	Intelligent pump controller

Spare parts available for purchase, scan QR code below:

Unpacking and Assembly

Unpacking

Carefully unpack your air compressor. This air compressor is bulk & heavy, a mechanical aid is required. Dispose of all packing material in an environmentally responsible manner.

Assembly

Your air compressor requires minor assembly before initial operation. Check that you have all the components required for assembly and initial use.

Wheel Fitment

1. Insert a bolt through the wheel with the long end of the axle facing the compressor.
2. Push the end of the bolt with the wheel attached through the bracket on the side of the air tank.
3. Tighten the nut.



Castor Wheel Fitment

Attaching the castor wheel to the bracket located towards the front on the bottom of the tank.

1. Undo the nut and remove the washers from the castor wheel.
2. With another person lifting the front of the compressor by the handle, push the bolt through the hole in the bracket underneath the air tank.
3. Attach the washer and tighten the nut. Do not over tighten.

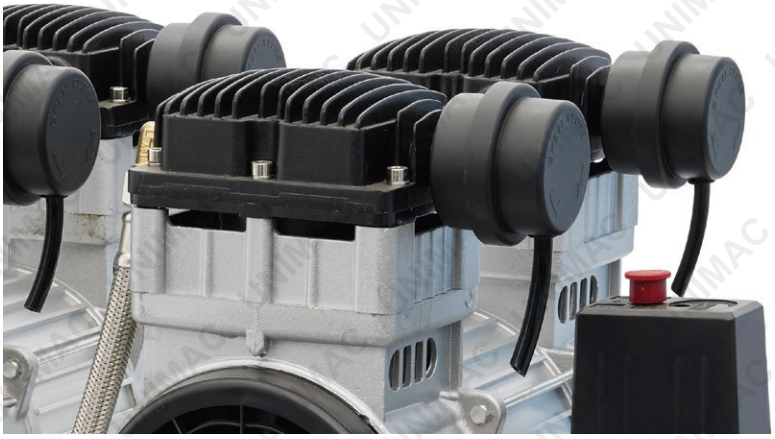


Air Filter Fitment

The air filters must be used. Failure to do so may result in irreparable damage and will void the warranty.

Carefully screw each air filter into the threaded hole on the side of the pump head in a clockwise direction. The air filters only need to be tightened by hand. Do not use tools to tighten the air filter.

NOTE: Do not OVER TIGHTEN as this may damage the air filter or cylinder head, which will NOT be covered under warranty.



Operation

Starting And Stopping Your Air Compressor

NOTE: Always ensure that you plug your air compressor into a 240V 15 Amp AC socket outlet. Never use an extension cord as this can lead to a voltage drop which may cause damage to the compressor. Use a longer air hose if you need to get closer to your work area.

Always start and stop the compressor using the ON/OFF button on the Pressure Switch. Damage caused by not using the ON/OFF switch will not be covered by warranty.

To turn your compressor ON, follow the below steps:

1. Turn on control box switch (**A**).
2. Lift up the ON/OFF switch on top of the pressure switch (**C**).
3. Control box lights will turn on one at a time while each pump starts. Once all pumps are turned on and running, you have an option to control each pump independently by pressing the chrome buttons (**B**) underneath each listed pump.

To turn your compressor OFF, follow the below steps:

1. Push down the ON/OFF switch on top of the pressure switch (**C**).
2. Turn OFF control box switch (**A**).





Adjusting Outlet Air Pressure

To adjust the outlet air pressure, turn the regulator knob and check the pressure on the smaller outlet pressure gauge.

- If pressure needs to be lowered, turn the knob anticlockwise.
- If pressure needs to be increased, turn the knob clockwise.

Note: Different air tools require different operating pressures. Always check with the tool manufacturer if unsure.



A. Air tank pressure gauge

B. Pressure regulator

C. Outlet air quick connect

Drain Tap

After use, open the drain tap slowly to release any moisture that has accumulated in the tank. The air tank will need to be pressurised to help purge the moisture from the system. Leave the drain tap open when the air compressor is not in use to allow all moisture to drain from the tank.

- To open the drain tap, rotate the lever down to vertical.
- To seal the drain tap, rotate the lever up to a horizontal position.

Note: Ensure the drain tap is closed before starting the compressor.



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Using the Air Compressor

IMPORTANT: This compressor uses a 15amp plug to power up. A suitable 15Amp AC socket outlet will need to be installed by a qualified electrician.

Before starting run through this simple list:

1. Air tank drain tap - Close fully.
2. ON/OFF switch - Is the ON/OFF switch in the OFF position (pushed down)?
3. Connect the air hose and air tool to the air compressor. Check the air hose for damage or any holes. Ensure quick connector is fully inserted by gently tugging on the end of it.
4. Check the power lead for any damage. If damaged, have it replaced by an authorized service centre.
5. Plug the power lead into a 240V 15 Amp AC socket outlet and turn on the power.
6. Turn on the compressor by lifting the ON/OFF switch.
7. Allow the air compressor to fill the air tank. The air compressor will automatically switch OFF once the air tank reaches approximately 115 psi in pressure.
8. Regulate required outlet pressure to desired pressure. During use, the air compressor will start and stop which is normal and is controlled by the pressure switch. The pressure switch is set by the manufacturer and these settings cannot be changed. Once the initial '"pump up" stage has finished and the compressor has stopped you can adjust the outlet air pressure to the tools recommended working pressure.

When you have finished using your air compressor follow these six simple steps:

1. Turn your air compressor OFF by pushing the ON/OFF switch down.
2. Turn the power point OFF and disconnect the power lead.
3. Very slowly open the air tank drain tap.

NOTE: It is quite normal for moisture (water) to be exhausted during tank venting.

4. Disconnect your air tools and air hose.

NOTE: Wear eye and ear protection.

5. Clean and store your air hose and air tools. Store in a secure well-ventilated cabinet.
6. Leave the air tank drain tap open. This allows any moisture to drain while the air compressor is stored.

Pressure Relief Valve

SAFETY: When checking the safety valve, always wear glasses.

1. In cases where the unit exceeds the intended pressure, please release pressure via the safety valve (as pictured to the right).
2. Turn the red nut counterclockwise 2 turns until excess pressure is released.
3. Then turn it again clockwise back to the closed position.

Note: Some models may feature a “pull ring” release mechanism as opposed to a nut fitting.



Maintenance

ATTENTION: Surface corrosion will occur on metal surfaces over time and the rate of oxidation depends on factors such as proximity to the ocean and humidity or condensation of water vapour on metal surfaces. To mitigate this, WD40 can be used to remove surface corrosion then, when applied periodically, it will prevent rust from forming.

Follow these basic maintenance instructions to ensure long, trouble free operation.

Daily:

- Drain moisture from air tank.
- Check for air leaks.

Weekly:

- Remove air filter element and clean or replace as required.
- Verify cut out/in pressure for correct operation.

Monthly:

- Inspect non-return valve (clean or replace as required).

CAUTION: Ensure tank is empty.

- Manually test the safety valve by turning the red nut or by pulling the ring (in some models).

Quarterly:

- Tighten cylinder head bolts to correct torque.
- Clean & check valve assembly, replace gaskets/valves if worn or damaged.

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Troubleshooting

If your compressor does not start:

- Check that you have plugged the power lead into a 240V 15 Amp AC socket outlet and turned the switch on.
- Check that you have pulled the air compressor ON/OFF switch out to the ON position.
- Is the air tank full of air? Use your air tool and the air compressor should start when the pressure decreases to 87 psi.

If your compressor does not build up pressure:

- Check that the air tank drain tap is closed and seals (should be in the horizontal position).
- Check that there are no leaks in air fittings hoses or air tools.

CAUTION: ALWAYS ENSURE POWER SUPPLY IS SWITCHED OFF AND UNPLUGGED FROM THE WALL BEFORE SERVICING.

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Specifications

Free Air Delivery	300L/Min (10.6 CFM)
Air Hose Fitting	AU Standard Nitto quick connect coupler (does not accept Nitto barbed coupler)
Receiver Capacity	100L
Working Pressure	116PSI
Restart Pressure	86PSI
Starting Method	Automatic Pressure Control Switch + Step Start Control Box and Independent Pump Control
Power Rating	3x 1.1kW
Motor Input	230-240V 50Hz
IP Rating	IP20
Input voltage	240V AC
Power Plug	15A Australian Standard

Note: Minimal Assembly Required

Note: When installing and commissioning this air compressor, the onus is on the buyer to check and adjust valves/fittings to prevent air leaks.

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Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging, and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear, or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear, or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business, or employee, or financially affect the user, business, or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement, or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

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