AIR COMPRESSOR

24L 1.5HP

INSTRUCTION MANUAL

SPECIFICATIONS

Motor:	1,100W
No Load Speed:	2,850/min
Tank Volume:	24 litres
Max. Pressure:	8 bar (116psi)
Max. Air Delivery:	161 l/min
Free Air Delivery:	67 l/min*
Pump Type:	Oil free
Weight:	23kg

*The free air delivery value was measured in accordance with AS4637

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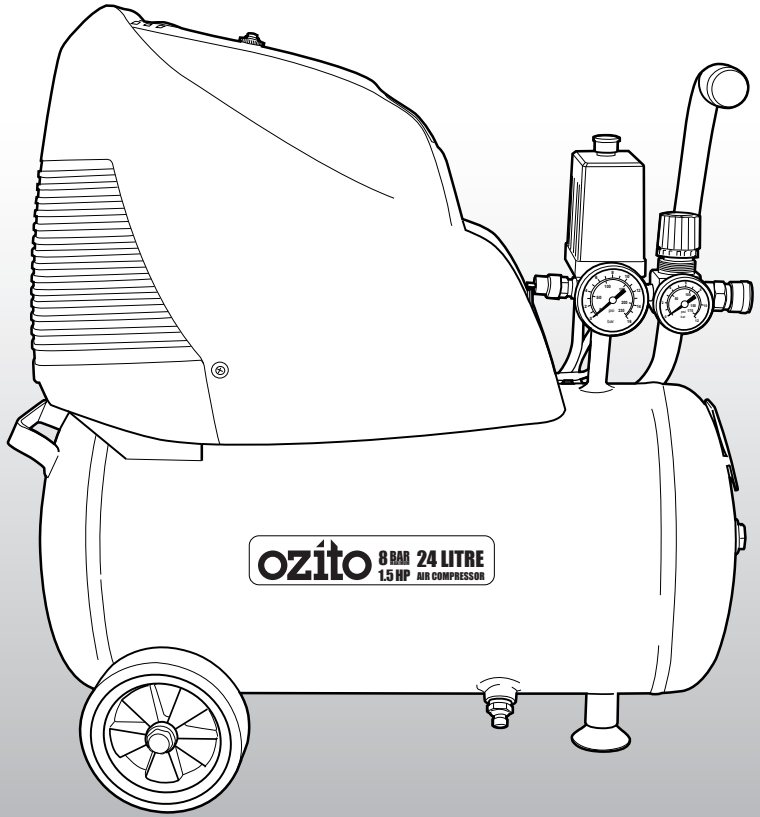
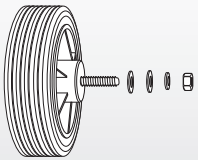
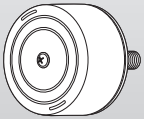


WHAT'S IN THE BOX

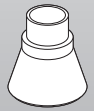
Air Compressor



Wheels x 2, Bolts x 2, Washer x 4, Spring Washer x 2, Nut x 2



Air Intake Filter



Support Foot

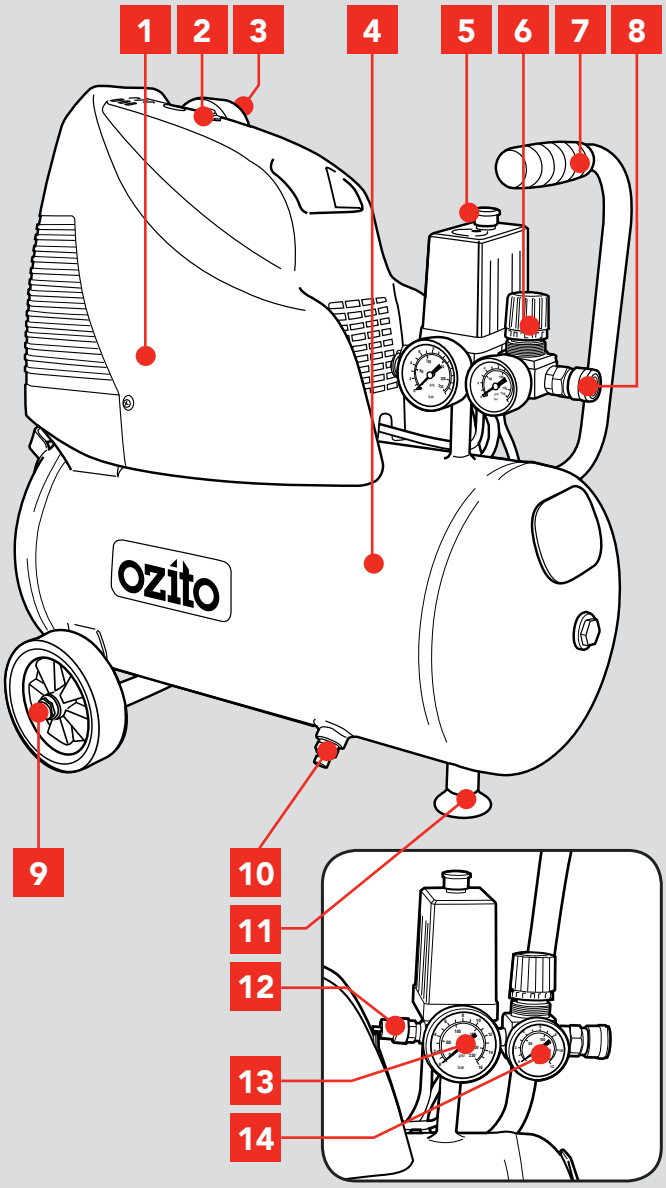
3 YEAR REPLACEMENT WARRANTY

ACP-24151

KNOW YOUR PRODUCT

AIR COMPRESSOR

1 Motor Housing
2 Overload Reset Button
3 Air Intake Filter
4 Tank
5 On/Off Switch
6 Pressure Regulating Knob
7 Transport Handle
8 Quick-Release Air Outlet
9 Wheel
10 Drain Valve
11 Support Foot
12 Safety Valve
13 Tank Pressure Gauge
14 Regulated Pressure Gauge



ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.

SETUP & PREPARATION

1. ASSEMBLY

WARNING! ENSURE THE TOOL IS SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING PROCEDURES.

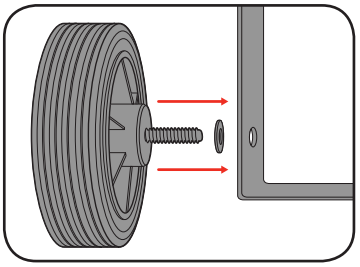
Pre-Setup Checks

- Examine the machine for signs of transit damage. If damaged, do not use, contact Ozito.
- The compressor should be set up near the area of use.
- Avoid long air lines and long supply lines (extensions).
- Make sure the intake air is dry and dust-free.
- Do not set up the compressor in damp or wet rooms.
- The compressor may only be used in suitable rooms (with good ventilation and an ambient temperature from 5°C to 40°C). There must be no dust, acids, vapours, explosive gases or inflammable gases in the room.
- The compressor is designed to be used in dry rooms. It is prohibited to use the compressor in areas where work is conducted with sprayed water. Before you use the machine, make sure that the mains voltage complies with the specifications on the rating plate.

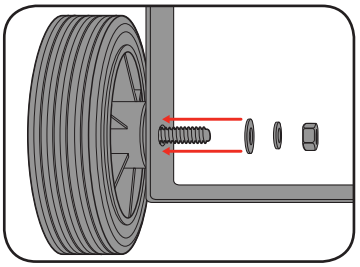
Fitting the Wheels

Note: You must fully assemble the compressor before using it for the first time.

1 Place a washer onto wheel bolt and insert the wheel bolt through the hole in the wheel bracket, below the tank.



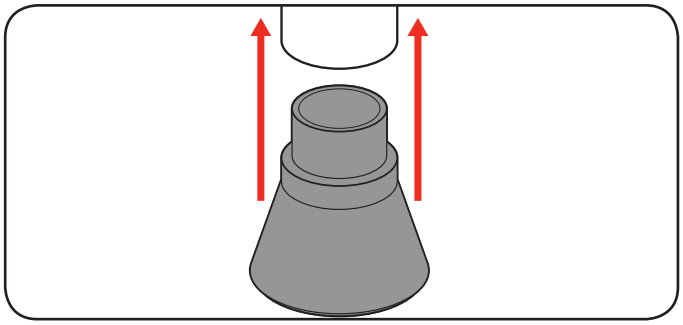
2 From the inside of the wheel bracket, place a washer and spring washer on the wheel bolt. Fasten the wheel bolt in position with a nut.



3 Repeat this process with the second wheel.

Fitting the Supporting Foot

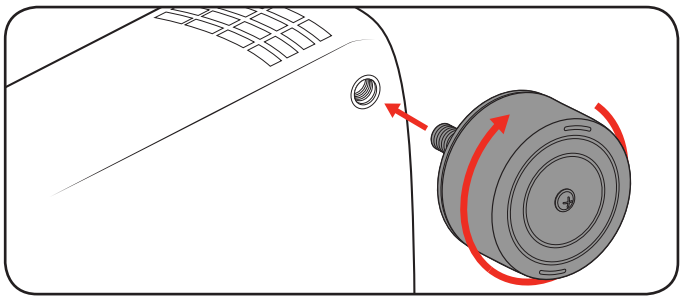
1 Push the rubber supporting foot into the pole below the tank.



Fitting the Air Intake Filter

The air compressor may be transported with a plug to prevent anything entering the intake. Remove this plug from the air intake hole if fitted.

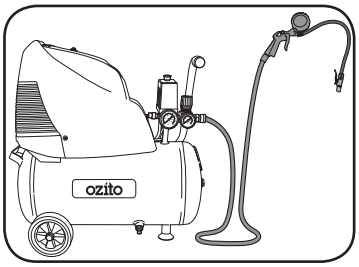
1 Screw the air filter into the hole in the side of the motor housing in a clockwise direction.



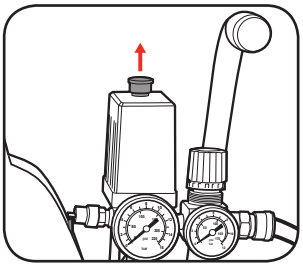
2. OPERATION

Switching On / Off

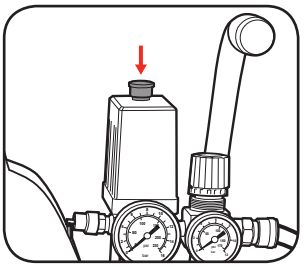
1 Attach the desired tool to the quick release air outlet.



2 To switch the compressor on, pull the on/off switch up into the on position.



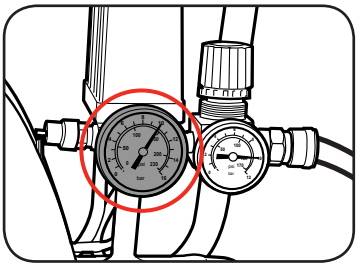
3 To switch the compressor off, push the on/off switch down into the off position.



Preset Pressure

The minimum and maximum preset tank pressure is set at the factory and the operator should not alter it.

Switch-On pressure: 6 bar
Switch-Off pressure: 8 bar



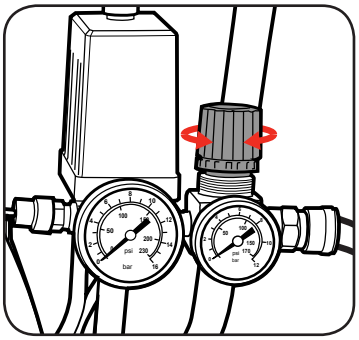
Note: When the maximum preset tank pressure is reached, the motor will automatically switch Off. As the compressed air is used, the pressure will drop until it reaches the preset minimum pressure, when the minimum pressure is reached the compressor will turn on again automatically to build up/maintain pressure.

Adjusting the Pressure

Once set up and operating you can adjust the air pressure by turning the pressure regulating knob.

1 To increase the air pressure, rotate the regulating knob clockwise.

2 To decrease the pressure, rotate the regulating knob anti-clockwise, past the desired pressure. Then rotate the regulating knob clockwise to meet the desired pressure.

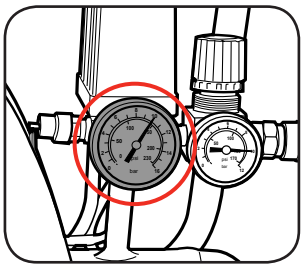


Note: Air must be flowing through the quick release air outlet, and the attached air tool in order to obtain the correct output reading on the pressure gauge.

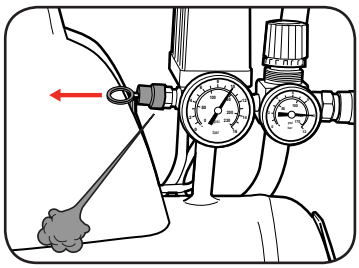
Checking the Safety Valve

WARNING! WEAR SAFETY GLASSES AND EAR PROTECTION. KEEP YOUR FACE AWAY FROM THE SAFETY VALVE WHEN CARRYING OUT THIS CHECK. AIR WILL BE DISCHARGED AT A HIGH PRESSURE.

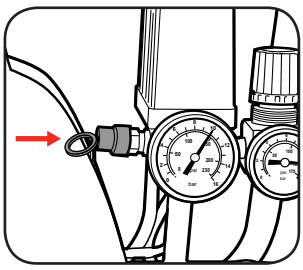
1 Check that the safety valve is in working order every use. Turn compressor on until the switch off pressure (8 bar) is reached.



2 Hold the ring on the safety valve and pull it outwards. Air should discharge from the valve.



3 When the ring on the safety valve is released the air discharge should stop.



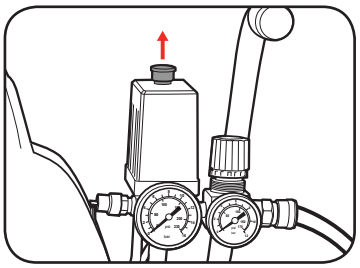
WARNING! DO NOT USE THE COMPRESSOR IF THE SAFETY VALVE DOES NOT WORK AS DESCRIBED.

Note: The safety valve is designed to protect the pressure tank from being subjected to pressures that exceed its design limits.

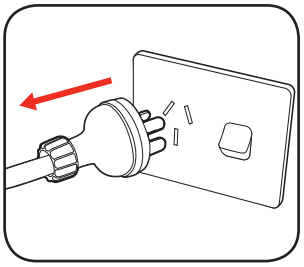
Turning Off

After the job has been completed, the compressor should be switched off and the pressure released following the steps below.

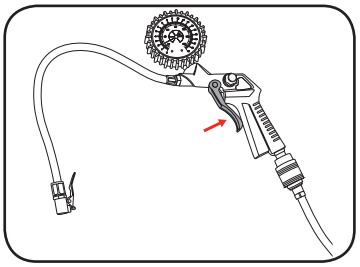
1 Push the on/off switch down into the off position to switch the compressor off.



2 Switch off the mains power supply and remove the electrical plug.



3 Release the remaining compressed air in the tank by use of an air tool (blow gun etc).



3. TROUBLE SHOOTING

Problem	Cause	Solution
The compressor does not start	No power supply	Check the power supply, the power plug and the socket-outlet
	Insufficient supply power	Make sure that the extension cable is not too long
	Outside temperature is too low	Never operate with an outside temperature of below 5°C
	Motor is overheated	Allow the motor to cool down. If necessary, remedy the cause of the overheating
The compressor starts but there is no pressure	Leak in the quick connect	Replace the quick connect
	Regulating knob set too low	Adjust the regulating knob to a higher pressure
	The drain plug leaks	Tighten the lever by hand. Check the seal and replace if necessary
The compressor starts, pressure is shown on the pressure gauge, but no pressure to the air tool.	Loose hose connections	Check the compressed air hose and tools and replace if necessary
	Leak in a quick-lock coupling	Check the quick-lock coupling and replace if necessary
	Insufficient pressure set on the pressure regulator	Open the pressure regulator further

4. CLEANING & MAINTENANCE

WARNING! ENSURE THE TOOL IS SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING PROCEDURES.

IMPORTANT! WAIT UNTIL THE COMPRESSOR HAS COMPLETELY COOLED DOWN. RISK OF BURNS!

WARNING! ALWAYS DEPRESSURIZE THE TANK BEFORE CARRYING OUT ANY CLEANING AND MAINTENANCE WORK.

- Check the tank for signs of rust and damage each time before using. Do not use the compressor with a damaged or rusty tank.

Note: This air compressor is designed to operate without oil.

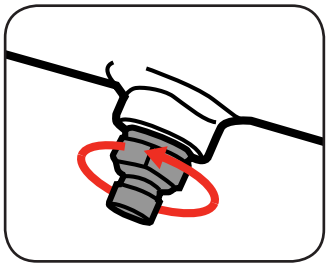
Cleaning

- Keep the safety devices free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the appliance immediately after you use it.
- Clean the appliance regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the appliance. Ensure that no water can get into the interior of the appliance.
- You must disconnect the hose and any spraying tools from the compressor before cleaning. Do not clean the compressor with water, solvents or the like.

Removing Condensation Water

The condensation water must be drained off after each use by opening the drain valve, at the bottom of the tank.

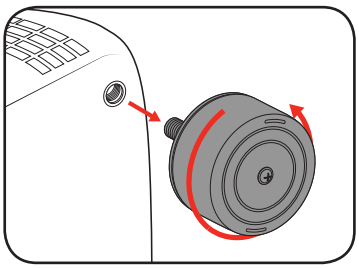
The drain plug can be opened rotating anti-clockwise by hand. Tilt the pressure tank so that the drain valve is the lowest point of the tank and the condensed water can drain off completely .



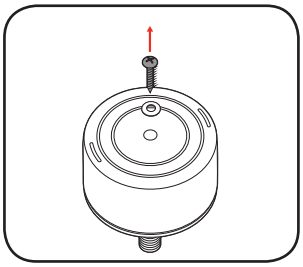
Cleaning the Air Filter

The air filter prevents dust and dirt being drawn in. It is essential to clean this filter after at least every 300 hours of service. A clogged air filter will decrease the compressor's performance dramatically.

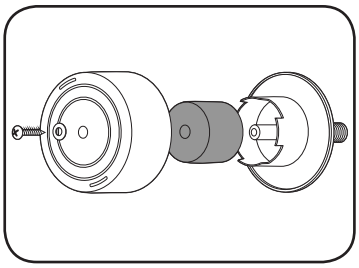
1 Remove the air filter from the compressor by rotating it anti-clockwise.



2 Remove the screw at the top of the filter.



3 Open the filter and carefully clean by tapping or blowing it with low pressure compressed air (approx. 3 bar).



4 Reassemble the filter and then fit to the air compressor.

5. STORAGE

IMPORTANT! PULL THE MAINS PLUG OUT OF THE SOCKET AND VENTILATE THE APPLIANCE AND ALL CONNECTED PNEUMATIC TOOLS. SWITCH OFF THE COMPRESSOR AND MAKE SURE THAT IT IS SECURED IN SUCH A WAY THAT IT CANNOT BE STARTED UP AGAIN BY ANY UNAUTHORISED PERSON.

IMPORTANT! STORE THE COMPRESSOR ONLY IN A DRY LOCATION WHICH IS NOT ACCESSIBLE TO UNAUTHORISED PERSONS. ALWAYS STORE UPRIGHT, NEVER TILTED!

DESCRIPTION OF SYMBOLS

V	Volts	**Hz**	Hertz
~	Alternating current	**W**	Watts
min^{-1}	Revolutions or reciprocation per minute	n_0	No load speed
	Warning!		Electrical Emissions Conformity (EMC)
	Read instruction manual	93 dB	Sound power level
	Beware of electrical voltage		Wear hearing protection
	Beware of hot parts.	bar	Pressure rating
l	Litres	IP20	Ingress protection from water
	Warning! The equipment is remote-controlled and may start-up without warning.		

CARING FOR THE ENVIRONMENT

Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.

Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit www.ozito.com.au or contact Ozito Customer Service:

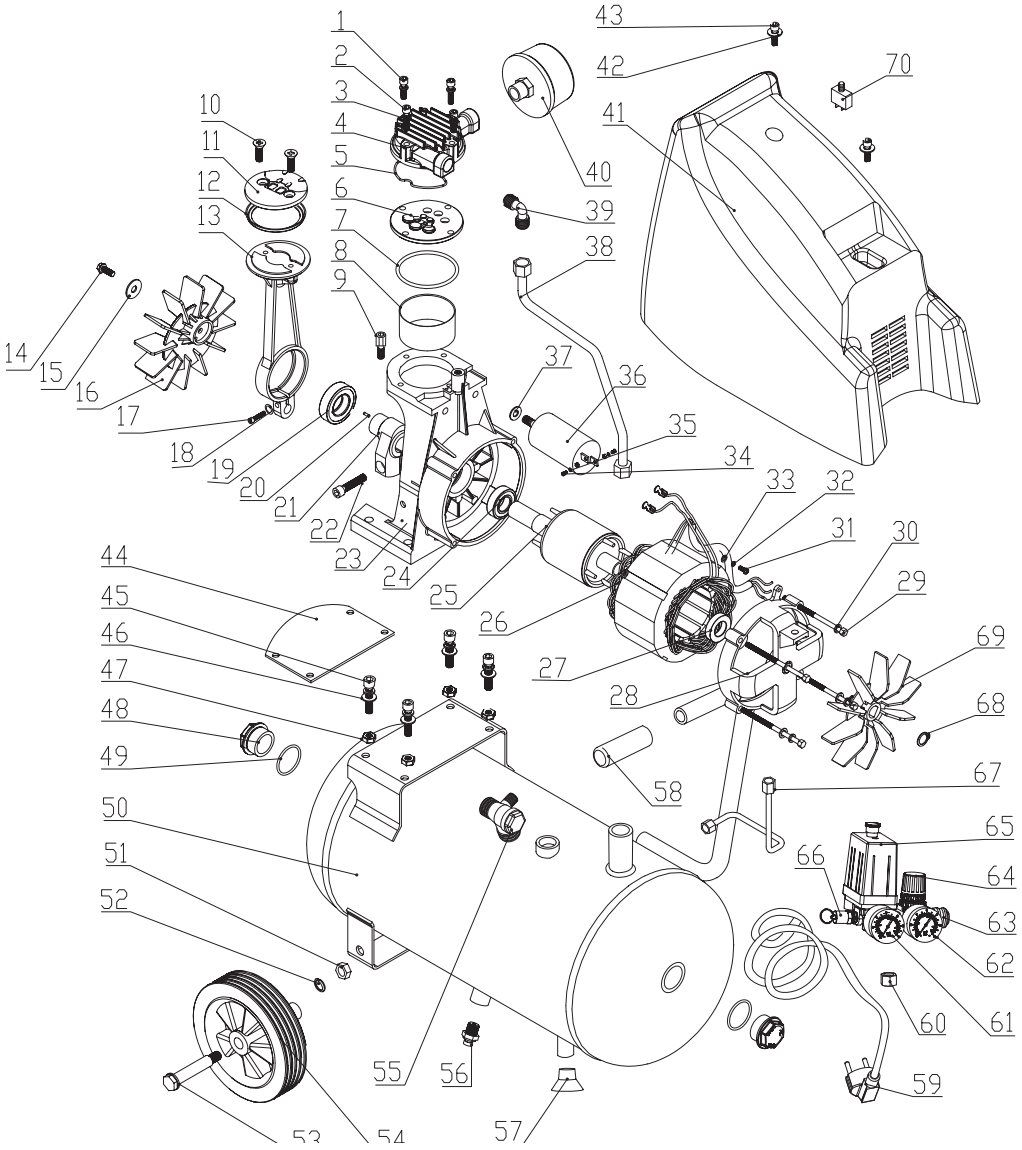
Australia 1800 069 486

New Zealand 0508 069 486

E-mail: enquires@ozito.com.au

SPARE PARTS

Tool: 24L 1.5HP Air Compressor
Model No. ACP-24151



The following is a list of spare parts carried by Ozito. Please contact Customer Service for any parts not listed.

Item No.	Description	Part No.	Item No.	Description	Part No.

How To Order

Available spare parts can be ordered through the Special Orders Desk at any Bunnings Warehouse. If you have any further questions, please contact Ozito Customer Service on:

Australia: 1800 069 486

New Zealand: 0508 069 486

enquiries@ozito.com.au

ELECTRICAL SAFETY

WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand.

If operating a power tool in a damp location is unavoidable use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

GENERAL POWER TOOL SAFETY WARNINGS - PERSONAL SAFETY

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. Work area safety

a. **Keep work area clean and well lit**. Cluttered or dark areas invite accidents.

b. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

c. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.

c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

f. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3. Personal safety

a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.**
A moment of inattention while operating power tools may result in serious personal injury.

b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d. **Remove any adjusting key or wrench before turning the power tool on.**
A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4. Power tool use and care

a. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

e. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5. Service

a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

AIR COMPRESSOR SAFETY WARNINGS

This appliance is not intended for use by young or infirm persons unless supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervision to ensure that they do not play with play with the appliance.

WARNING. Before connecting a tool to a power source (mains switch power point receptacle, outlet, etc.) be sure that the voltage supply is the same as that specified on the nameplate of the tool. A power source with a voltage greater than that specified for the tool can result in serious injury to the user, as well as damage to the tool. If in doubt, do not plug in the tool. Using a power source with a voltage less than the nameplate rating is harmful to the motor.

Always remove the plug from the mains socket before making any adjustments or maintenance.

- To reduce the risk of fire or explosion, never spray flammable liquids in a confined area. It is normal for the compressor motor and pressure switch to produce sparks during use. If sparks come into contact with petrol vapours or solvents, they may ignite the vapours and cause a fire or explosion.
- Always operate the compressor in a well ventilated area. Do not smoke while spraying. Do not spray where sparks or flames are present. Keep the compressor as far away from the spray area as possible.
- The solvents trichloroethane and methylene chloride can chemically react with the aluminium used in some paint spray guns and form an explosion. If these solvents are used, ensure that only stainless steel spray equipment is connected. The compressor is not affected by the use of these solvents.
- Never directly inhale the compressed air produced by a compressor and do not use it for charging breathing tanks.
- Do not use welding equipment in close proximity to the compressor. Do not weld anything to the air tank of the compressor: this could dangerously weaken the tank and will void the warranty.
- Do not use the compressor outdoors when it is raining or on a wet surface; either situation could cause an electric shock.
- Always shut off the compressor after use and before servicing. Push the on/off knob down, wait for the pressurised air to bleed from the tank from the release valve and then remove the electrical plug from the power supply.
- Check the maximum pressure rating of any tools or accessories that you intend using with the compressor. The output pressure of the air from the compressor must be regulated so that it never exceeds the rated pressure of the tool or accessory.
- To avoid the risk of burns and injury from moving parts, do not operate the compressor with the safety shield removed. Allow hot parts to cool before handling or servicing.
  Be certain to read all the labels on the containers of paint or other materials to be sprayed. Closely follow all safety instructions. Use a respirator mask if there is a chance that you might otherwise inhale the spray material. Carefully check the effectiveness of any respirator mask you intend using.
- Always wear safety goggles or glasses when using the air compressor. Never point the nozzle of an accessory towards any part of your body or towards another person.
- Do not attempt to adjust the pressure switch or the release valve located under the pressure switch cover.
- Drain the moisture from the tank daily. It will help prevent corrosion.
- Pull the ring on the safety valve daily to ensure that it operating properly and to clear any possible instructions.
- Keep the compressor at least 300mm from the nearest wall to ensure adequate ventilation for cooling purposes.
- Before transporting the compressor make sure that the pressurised air is bled from the tank and that the compressor is firmly secured.
- Protect the air hose and cordset from damage. Inspect for weak or worn spots regularly and replace if necessary.
- Avoid using an extension cord with this product. Use additional air hose instead of an extension cord to prevent power loss and possible damage to the motor. Use of an extension cord voids the warranty.
- After long working periods external metal parts could be hot.
- Always press the on/off button down to switch off the compressor before switching off the power or removing the power plug.
- After using the compressor, switch off the on/off button, disconnect the power supply and open the outlet valve to release the pressure.
- Do not attempt to remove any part of the machine whilst it is under pressure.
- Use safety equipment including safety goggles or shield, ear protection, breathing or respirator mask and protective clothing.
- Never attempt to remove any part of the compressor whilst the tank is under pressure.

Wear goggles, wear earmuffs, wear a breathing mask

Never apply the outlet air of this compressor directly on to any part of a person's body. Do not attempt to block the air outlet with your finger or any part of your body.

The tool must be used only for its prescribed purpose. Any use other than those mentioned in this Manual will be considered a case of misuse. The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse.

The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes.

Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

- Damage to the lungs if an effective breathing mask is not worn.
- Damage to hearing if effective earmuffs are not worn.
- Damage to the eyes if effective safety goggles or shield are not worn.

WARNING. In the event that an air line is cut or broken, the air supply must be turned off at the compressor. A broken air line which is not supported is extremely dangerous and can whip around very quickly, both with the capability of striking people, and blowing foreign particles into the air.

Do not attempt to catch the air line but immediately keep bystanders well clear and turn off the air supply to the hose, turn off the compressor at the On / Off button, and then remove the hose from the compressor.

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

Australia 1800 069 486
New Zealand 0508 069 486

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

3 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **36 months from the original date of purchase.** If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: Wheels.

WARNING

The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.
- Professional, industrial or high frequency use.