



AIR COMPRESSOR

PAC-96-24 / PAC-96-50

OWNERS MANUAL

This manual has been produced by Parker Products Ltd. and should be kept with the product and referenced for operation, maintenance and troubleshooting.

This manual contains an overall description of the product, together with all the necessary information for using the product correctly and safely. It is highly recommended that this manual is read prior to any operation or maintenance of this product. The safety precautions and warnings are to ensure your safety and protect you from harm or damage to the product.

All photographs and drawings in this manual are supplied by Parker Products Ltd. to help you with the operation and maintenance of the product. The information contained in this manual was accurate at the time of production, however Parker Products Ltd. may make modifications to the product without notification.

This Air Compressor has been designed for personal and private use in hobby workshops, garages and DIY applications.

The machine is to be used only for its prescribed purpose, any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

**Thank you
ParkerBrand**

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GENERAL SAFETY

- **READ THIS MANUAL CAREFULLY BEFORE USING THIS MACHINE.**
- **WARNING!** Never allow children or anyone who does not fully understand the directions given in the manual to use the machine.
- **ALWAYS USE** safety equipment; appropriate footwear, eye protection, ear protection, head protection, trousers and gloves.
- **NEVER** use the product when ground is slippery, at night, during rain storms, lightning storms, or at times of strong wind.
- **NEVER** operate this machine when you are fatigued, ill or under the influence of alcohol, drugs or medication.
- **NEVER** perform maintenance or assembly procedures on this machine when the machine is running.
- **NEVER** unscrew any connecting parts while the tank is still under pressure.
- **NEVER** disassemble any electrical parts before disconnecting the electrical plug.
- **ALWAYS** use caution when adjusting the safety valve.
- **NEVER** use the compressor when the voltage is too low or too high.
- **NEVER** use electrical cable more than 5m long with less than a 1.5 mm section rated to 16A.
- **NEVER** disconnect the plug to stop the compressor, turn the switch to the OFF position.
- **CAUTION!** If the release valve does not work when the motor is stopped find the cause immediately to prevent damage to the motor.
- **CAUTION!** When restarting with the reset button check the compressor for problems and check the pressure in the tank is under 0.8Mpa.
- **ALWAYS** Disconnect the plug to cut off the power supply and open the outlet valve and discharge all the air in the air tank after use.
- **CAUTION!** For your protection, if this tool is to be used outdoors, it should not be exposed to rain, or used in damp locations.
- **CAUTION!** Never use this machine if it has been damaged or is in need of replacement parts.
- **INSPECT** the entire unit for loose fasteners and fittings.
- **WATCH OUT** for children, pets, open windows etc and blow debris safely away.
- **ALWAYS** shut off the machine whilst not in use.
- **ALL MAINTENANCE** other than that listed in this manual should be carried out by professionally trained and certified personnel.



WARNING!

• Always read and understand all safety and warning notices throughout the manual and on the machine.

GENERAL SAFETY



WARNING

To reduce the risk of injury, user must read instruction manual.



GLOVES

Gloves should be worn where appropriate.



HEAD, EYE & EAR PROTECTION

Approved head, eye & ear protection should be worn at all times during operation.



BOOTS

Wear sturdy, non-slip boots.



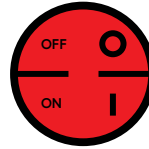
CLOTHING

Appropriate clothing should be worn during operation.
Ensure clothing is made of strong fabric and is not baggy or loose.



RESPIRATOR

Protect your lungs against dust.



OFF

ON



NOTICE

• For safe operation and maintenance symbols are moulded in relief on the machine or shown on a label.

SAFETY SYMBOLS



WARNING! To reduce the risk of injury, user must read instruction manual.



RISK OF ELECTRIC SHOCK.
The compressor must be disconnected from the mains supply before removing any covers. Do not use in a damp environment.



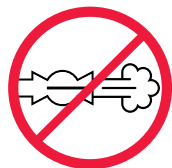
HOT SURFACES.
This compressor contains surfaces which may reach a high temperature during operation. Never operate with the motor housing removed.



RISK OF ACCIDENTAL START-UP.
The compressor could start automatically in the event of a power cut and subsequent reset. Do not carry the compressor while it is connected to the power source, or when the tank is filled with compressed air.



This symbol, before a safety comment, indicates a **PRECAUTION**, a **WARNING** or a **DANGER**. Ignoring this warning can lead to an accident for yourself or for others. To limit the risk of injury, fire, or electrocution always apply the recommendations indicated.



Air and condensation water can burst from the compressor when the drain plug is removed.



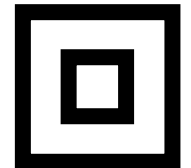
DO NOT TOUCH THE MOVING PARTS OF THE MACHINE UNTIL THEY ARE COMPLETELY STOPPED.



EXTREME PRESSURE.
Servicing while pressurised can cause severe injury. Turn off machine and release pressure before attempting to service.



WARNING! Never to touch the spark plug or plug cord while the machine is in operation. Doing so may result in being subjected to an electrical shock.



Double Insulated



RISK OF INJURY. DO NOT OPEN OR REMOVE SAFETY SHIELDS WHILE ENGINE IS RUNNING.



WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WHERE FACILITIES EXIST CHECK YOUR LOCAL AUTHORITY OR RETAILER FOR RECYCLING ADVICE



Triman - Waste Collection & Recycling



CONFORMS TO CURRENT SAFETY STANDARDS

FOR SAFE OPERATION

WARNING!

As with all machinery, there are certain hazards involved with their operation and use. Exercising respect and caution will considerably lessen the risk of personal injury. However, if normal safety precautions are overlooked, or ignored, personal injury to the operator, or damage to property may result. It is in your own interest to read and pay attention to the following rules:

WARNING!

- When using the air compressor, you should follow basic safety precautions including the following to reduce the risk of personal injury. Make sure that you have read all of the instructions before using the air compressor. Keep this booklet with the compressor for future reference by the operator. Persons who have not read this booklet should not use the air compressor.

WARNING!

- Compressed air can be dangerous. Death or serious injury could result from improper or unsafe use of this compressor. To avoid these risks, use your common sense and follow these basic safety instructions. Compressed air should never be inhaled as it may contain toxic

vapours or solid particles. Always work in good ventilation, especially when spraying paints or other toxic substances and always use a suitable face mask. Do not spray near sources of possible ignition.

WARNING!

- Attachments, hoses and accessories must meet or exceed the maximum pressure rating of this compressor. If low pressure parts are used, the air pressure could cause them to explode or fly apart, resulting in serious injury. Always take great care when releasing the pressure and connecting/disconnecting tools.

WARNING!

- This compressor must be connected to a power socket that is safeguarded by a suitable circuit breaker or fuse.

FOR SAFE OPERATION

TRAINING: Prior to use all operators should become familiar with the instructions in this booklet. In particular, become familiar with the ON/OFF control for emergency stopping.

ALWAYS USE EYE PROTECTION: When operating the air compressor, always use eye protection, and make sure that other people in the work area are also using eye protection. Eye protectors must provide protection from flying particles both from the front and from the side.

NEVER TOUCH MOVING PARTS: Never place your hand near any moving parts on the air compressor or operate with the covers removed.

PROTECT YOUR SELF AGAINST ELECTRIC SHOCK: Never operate the air compressor in wet or damp locations.

DRESS PROPERLY: Loose clothing or jewellery may be caught in moving parts. Always tie long hair back.

KEEP VISITORS/CHILDREN AWAY: Do not allow visitors/children to handle the air compressor or attachments and ensure that any people in the work area are suitably dressed.

KEEP THE WORK AREA CLEAN: Cluttered areas invite accidents, clear the work area of all unnecessary tools, debris and furniture.

DISCONNECT THE AIR COMPRESSOR: Always disconnect the air compressor from the mains power supply and decompress before performing maintenance, changing any parts and when not in use.

DO NOT ABUSE THE CABLE: Never pull on the cable when removing the plug from the mains socket, or lift the compressor by the mains cable.

BREATHING QUALITY AIR: This compressor should not be used to supply breathing quality air.

DO NOT ABUSE THE COMPRESSOR: Do not stand on the compressor.

SAFETY VALVE: Never remove or attempt to adjust the safety valve. Keep the safety valve free from paint and other accumulations.

AVOID UNINTENTIONAL STARTING: Do not move the air compressor when it is connected to the mains power supply. When connecting the air compressor to the mains supply make sure the red button on top of the air compressor is in the OFF (down) position.

FOR SAFE OPERATION

- i STORE THE AIR COMPRESSOR PROPERLY:** When not in use the air compressor should be stored in a secure, dry place out of the reach of children. Always lock up the storage area.
- i PROTECT YOUR HEARING:** Ear protection should be worn when operating this compressor.
- i MAINTAIN THE AIR COMPRESSOR WITH CARE:** If the air compressor is damaged in any way, have it repaired by a qualified service engineer.
- i EXTENSION LEADS:** Extension leads are not recommended to be used with this product.
- i ONLY USE PARTS AND ACCESSORIES RECOMMENDED IN THIS MANUAL:** The use of unauthorised accessories or attachments is not permitted and may result in personal injury and damage to the air compressor. Do not attempt to repair or modify the air compressor.
- i STAY ALERT:** Watch what you are doing, use common sense, and do not operate the air compressor when you are tired. The air compressor should not be used if you are under the influence of alcohol, drugs or any medication that makes you drowsy.

- i EACH USE CHECK THE AIR COMPRESSOR AND HOSE FOR DAMAGED PARTS:** Never use the air compressor if it has been damaged in any way. Have the air compressor repaired by a qualified service engineer. Do not use the air compressor if the On/Off switch does not operate correctly.
- i HANDLE THE AIR COMPRESSOR CAREFULLY:** Operate the air compressor according to the instructions contained within this instruction booklet. This air compressor should never be operated by children or individuals unfamiliar with its operation.
- i KEEP THE MOTOR AIR VENT CLEAR:** Keep the motor vent clear and free from dust, wipe regularly to maintain an adequate supply of clean air to the air compressor.
- i OPERATE THE AIR COMPRESSOR AT THE CORRECT VOLTAGE:** Make sure that the mains supply voltage is the same as the voltage shown on the rating plate.
- i DO NOT WIPE THE PLASTIC PARTS WITH SOLVENT:** Do not use solvents or thinners such as petrol, benzene, carbon tetrachloride or alcohol to clean the air compressor, as these chemicals will damage the finish. With the air compressor unplugged from the supply, use a dry cloth to wipe over the plastic casing.

FOR SAFE OPERATION

- i KEEP ALL SCREWS AND COVERS TIGHTLY IN PLACE:** Check the screws and covers periodically.
- i ADEQUATE VENTILATION:** The compressor should only be used in areas with adequate ventilation and should not be exposed to heat, or used near inflammable substances.
- i NEVER USE AN AIR COMPRESSOR WHICH APPEARS DEFECTIVE OR IS OPERATING ABNORMALLY:** If the compressor operates unusually or makes strange noises, switch off immediately and purge the air tank. Arrange repair with an authorised service centre.
- i DO NOT MODIFY THE AIR COMPRESSOR:** Do not attempt to modify the air compressor, tank, fittings or attachments in any way. Doing so will invalidate the guarantee and could result in personal injury.
- i DO NOT MODIFY THE TANK:** Do not modify the tank or operate at pressures or temperatures outside the limits stated in this booklet.
- i TURN OFF THE AIR COMPRESSOR WHEN NOT IN USE:** When not in use, turn off the air compressor by pressing the On/Off switch, remove the plug from the mains supply and slowly undo the drain valve to release the pressure from the tank. Remember to close the drain valve before storage and ensure it is fully tightened before use.

- i DO NOT TOUCH HOT SURFACES:** During operation, the motor, connections, compressor body, cylinder head and tubes may get hot, please take care.
- i DO NOT DIRECT THE AIR STREAM AT THE BODY:** Do not direct the air stream at people or animals, as injury may result. Compressed air can cause soft tissue damage and propel dirt and other particles at high speed.
- i ONLY USE RECOMMENDED PARTS:** To avoid the risk of bursting, only hoses with a rated pressure of 8 bar, or more should be used. Never attempt to repair faulty hoses.
- i DO NOT USE THIS COMPRESSOR TO INFLATE SMALL, LOW-PRESSURE OBJECTS:** Items such as children's toys or footballs can explode if over-inflated.
- i AVOID KINKING OR TRAPPING THE AIR HOSE:** Always replace faulty hoses - never attempt a repair if a leak is detected.
- i DRAIN TANK:** Drain the tank after each use, switch off and slowly open the drain valve to release the air then tilt the compressor to empty condensed water

FOR SAFE OPERATION

i NEVER STOP THE COMPRESSOR BY REMOVING THE PLUG OR SWITCHING OFF AT THE MAINS SUPPLY: Always use the On/Off switch on the compressor.

i NEVER OPERATE WITHOUT ALL GUARDS IN PLACE: Never operate without all guards or safety features in place and in proper working order.

i NEVER OPERATE IN THE PRESENCE OF FLAMMABLE LIQUIDS OR GASES: The air compressor produces sparks during operation.

i CHECK FOR DAMAGED PARTS AND AIR LEAKS: If any part of the compressor is damaged, it should be carefully checked to determine that it will operate correctly and perform its intended function. Check for the alignment of parts, damage to parts, air leaks and any other conditions that may affect its operation. A guard or any other part that is damaged or defective should be properly repaired or replaced by an authorised service centre. Defective pressure switches must be replaced prior to further use of the compressor.

i ONLY USE WITHIN THE RECOMMENDED OPERATING TEMPERATURE RANGE: This compressor should only be used in an ambient temperature of between 0OC and 25OC.

i CLEANING AND CONDITION OF THE COMPRESSOR: Keep the external surfaces of the tank clean. Avoid impact damage and do not allow the tank to come into contact with abrasive or corrosive materials.

i MOVING THE COMPRESSOR: Always transport the compressor by lifting or pulling it with the appropriate grips or handles.

i USING THE COMPRESSOR FOR PAINTING:
Do not work in enclosed areas or near naked flames. Make sure that the area in which you are working has good ventilation. Protect your nose and mouth with a suitable face mask. Always check the safety data sheets for substances being sprayed & ensure manufacturers instructions are followed.

i MOTOR HOUSING: Do not insert your fingers or other objects inside the motor housing to avoid physical damage or damage to the compressor.

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WHAT'S IN THE BOX

PAC-96-24 MAIN UNIT



PAC-96-50 MAIN UNIT



PARTS PROVIDED WITH ALL PAC-96-24 & PAC-96-50

*Products depicted on this page are for illustration purposes only, models may vary slightly.

WHAT'S IN THE BOX

OIL FILLER PLUG



250ML COMPRESSOR OIL



WHEEL KIT X2



AIR FILTER



PARTS PROVIDED WITH PAC-96-24 & PAC-96-50

PAC-96-50 - RUBBER FOOT KIT X2



PAC-96-24 - RUBBER FOOT KIT



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PRODUCT FEATURES



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PRODUCT FEATURES



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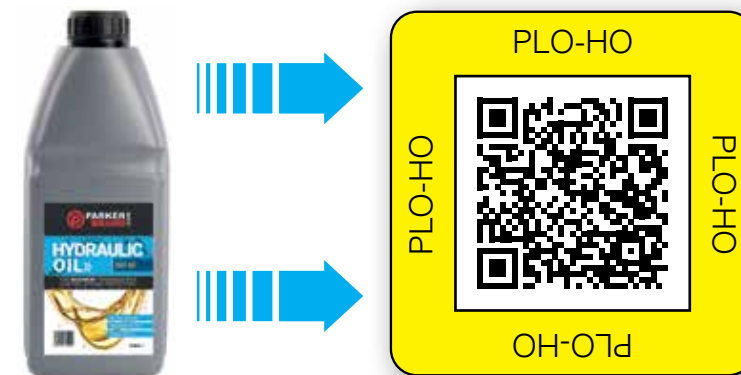
BEFORE USING THE AIR COMPRESSOR



1 GOT OIL FOR YOUR MACHINE?

ParkerBrand hydraulic oil (ISO 46) is perfected for use with all ParkerBrand Air Compressors. High quality and effective you can be sure this will lubricate the hydraulics of your air compressor effectively to give maximum performance and ensure the longevity of your machine.

ParkerBrand hydraulic oil is readily available on our website, for quick access scan the code below.



WARNING!

- This machine requires Hydraulic Oil (ISO 46).
- Running the machine without oil will damage the motor beyond repair
- The oil provided with this machine is for testing only and is not sufficient to run the machine over a long period.

BEFORE USING THE AIR COMPRESSOR

2 INSPECT THE AIR COMPRESSOR

Check the Air Compressor is not damaged and all components are present and in good working order before use. If there is any issue with the product please contact ParkerBrand customer services immediately.

Regular periodic inspection is required to ensure the Air Compressor is suitable for the task. Please follow the maintenance guide (*Pages 28-32*) for this machine carefully to ensure the products longevity.

For further information and resources please visit the online resource library for this product. The online resource library will give you instant access to an array of useful information for you to get the most from your machine. You can find more information about this on pages 38-39.

Before turning on the Air Compressor and carrying out any tasks, a risk / health and safety assessment should be carried out. This must take into account the work area and respect the legislation in the country of use.

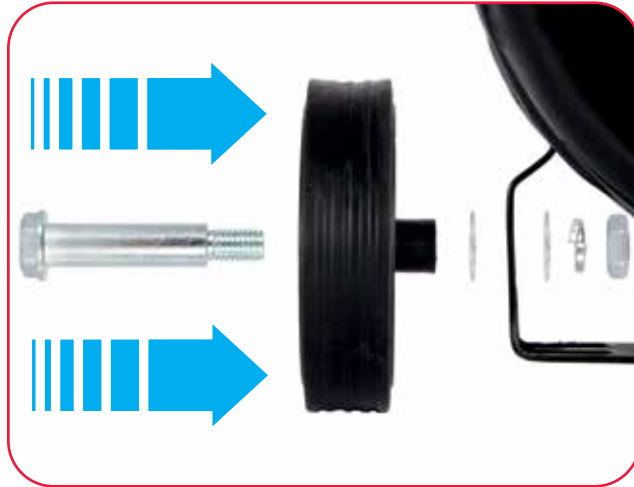


NOTICE

- If any part of the Air Compressor is damaged or missing please contact ParkerBrand Customer Service (*Page 41*).

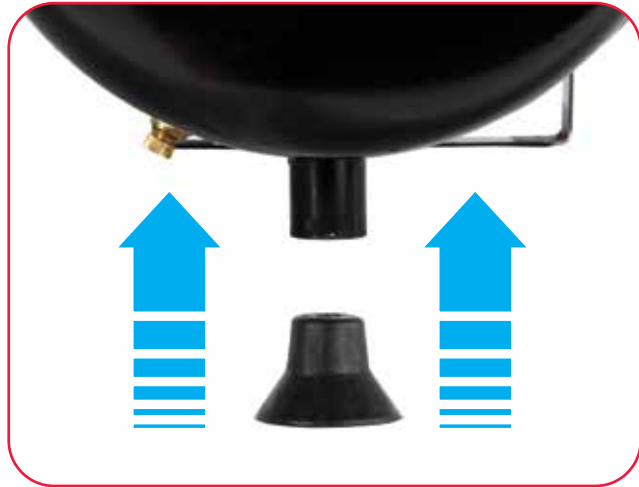
*Products depicted on this page are for illustration purposes only, models may vary slightly.

1 ATTACH WHEELS



Attach the wheels using the axle kit provided. Be sure to use the washers and spring washer in the positions shown. Use a spanner to tighten the assembly in place.

2 ATTACH RUBBER SUPPORT FOOT



The PAC-96-24 comes with a singular rubber support foot. The rubber foot is simply push fit. Locate the front lower leg and push the rubber foot into position.

3 ATTACH RUBBER SUPPORT FEET



The PAC-96-50 comes with a two rubber support feet. Be sure to use the washers and spring washer in the positions shown. Use a spanner to tighten the assembly in place.

i NOTICE • Identify all parts before proceeding with the assembly of machine.

! WARNING! • The machine is heavy, you may require assistance with the wheel assembly process.

3 REMOVE AIR FILTER TRAVEL PLUG



REMOVE BEFORE USE

Remove the white plastic travel plug from the air filter location hole. All white plastic travel plugs are marked with a 'REMOVE BEFORE USE' tag. It is important that the white plug is removed from the machine and the air filter is fitted before running the machine.

4 ATTACH AIR FILTER



With the white plastic travel plug removed screw the air filter in place. Turn the air filter clockwise in the air filter location hole to secure it in place. Do not overtighten the filter this can damage the air filter housing and make it difficult to remove from the machine when needed.

! WARNING!

- Do not run the machine with the white plastic travel plug in place.
- Do not run the machine without the air filter in place.
- Do not overtighten the filter.

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REMOVE BEFORE USE

1 REMOVE OIL FILLER TRAVEL PLUG



Remove the white plastic travel plug from the oil filler hole. All white plastic travel plugs are marked with a 'REMOVE BEFORE USE' tag. It is important that the white plug is removed and the machine is filled with oil before running the machine.

2 FILL WITH OIL



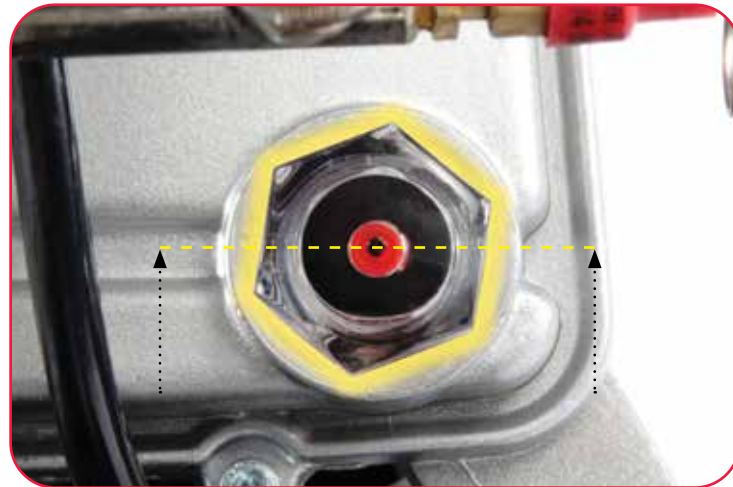
Pour fresh oil into the oil filler hole. If required use a small funnel to make the process easier. It is recommended that ISO 46 Compressor Oil is used in this machine.

3 FIT RED OIL FILLER PLUG



Push the oil filler plug firmly into place. It is important to always have the oil filler plug in place when the machine is in use.

4 CHECK OIL LEVEL



When checking the oil level ensure the machine is on level ground to give an accurate reading. Keep the oil level within the red circle of the oil level sight window.



WARNING!

- Do not run the machine with the white plastic travel plug in place.
- Do not run the machine without the oil filler plug in place.

*Products depicted on this page are for illustration purposes only, models may vary slightly.



NOTICE

- ISO 46 Compressor Oil is the recommended oil to use with this machine.
- Keep voltage within $\pm 4\%$ of the rated value.



WARNING!

- Do not run the compressor without sufficient oil inside. This will damage the machine beyond repair.
- Open the outlet valve & run the compressor for 10 minutes with no load to ensure all moving parts are lubricated.

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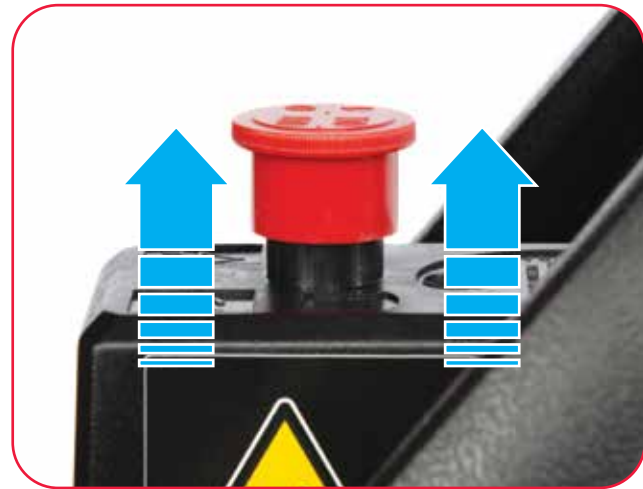
OPERATION

1 POWER SWITCH



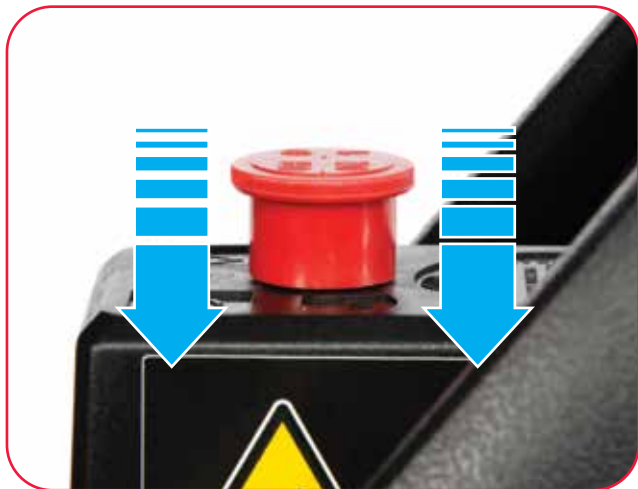
The power switch is located on top of the machine on the pressure switch housing.

2 POWER SWITCH ON (I)



Pull the power switch upwards to turn the machine into the ON(I) position.

3 POWER SWITCH OFF (O)



Push the power switch down to turn the machine into the OFF(O) position.

i NOTICE • Push the power switch down to turn the machine into the OFF(O) position when the machine is not in use.

! WARNING! • If the release valve does not work when the motor is stopped find the fault immediately to prevent damage to the motor.

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OPERATION

4 PRESSURE GAUGES



REGULATED PRESSURE



UNREGULATED PRESSURE

There are two pressure gauges located to the front of the machine. One gauge measures 'regulated' pressure and the other measures 'unregulated' pressure. the gauges are clearly marked with the labels. The 'regulated' pressure gauge shows the 'user set' outlet pressure. This can be adjusted using the regulator adjustment knob. The 'unregulated' pressure gauge shows the current pressure of the tank.

i NOTICE • Pressure gauges should be checked by a certified repair centre every six months to ensure they are in correct working order.

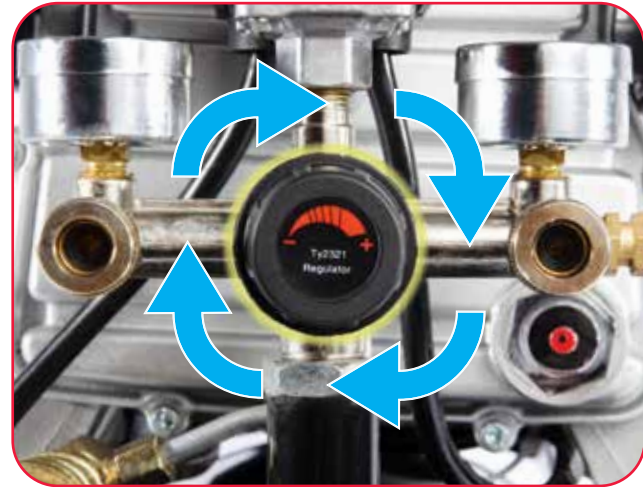
*Products depicted on this page are for illustration purposes only, models may vary slightly.

5 REGULATOR VALVE KNOB



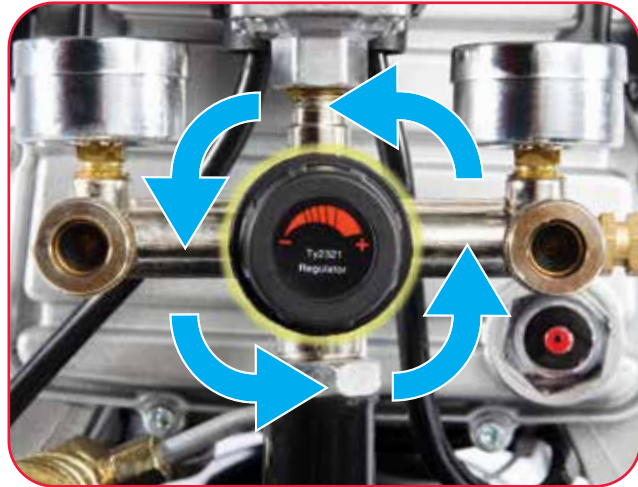
The regulator valve knob is located in between the two pressure gauges and release valves.

6 INCREASE PRESSURE



On one of the outlets the outlet pressure of compressed air can be increased by turning the regulator valve knob in a clockwise direction.

7 DECREASE PRESSURE



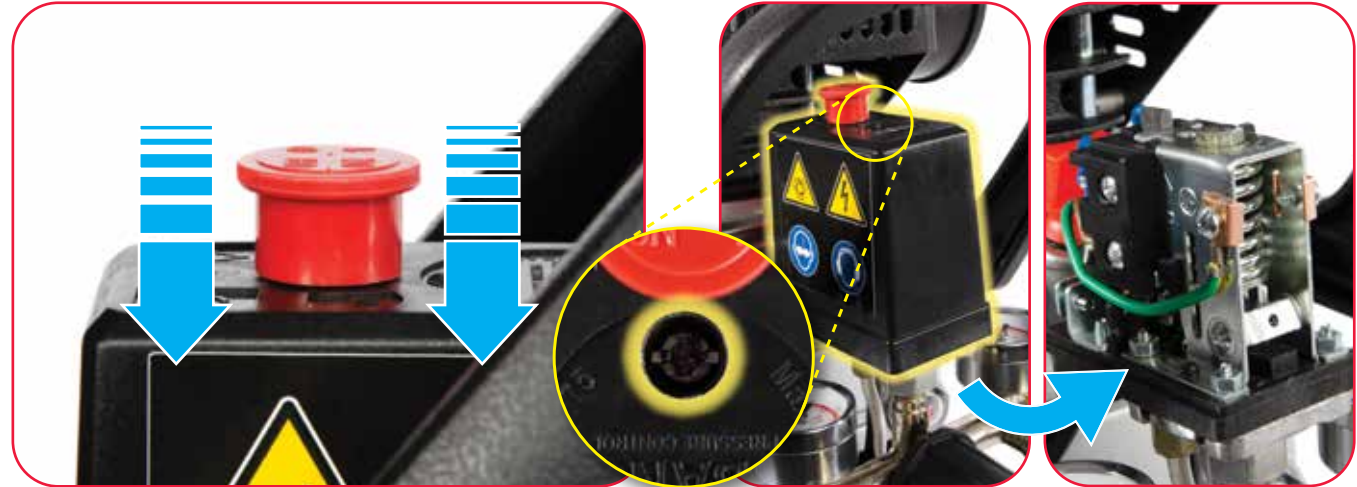
The outlet pressure of compressed air can be decreased by turning the regulator valve knob in an anti-clockwise direction.

i NOTICE • The Regulator valve should be checked by a certified repair centre every six months to ensure it is in correct working order.

! WARNING! • The maximum duty cycle is 15 minutes. Always allow the air compressor motor to cool down inbetween uses.

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8 RATED PRESSURE ADJUSTMENT

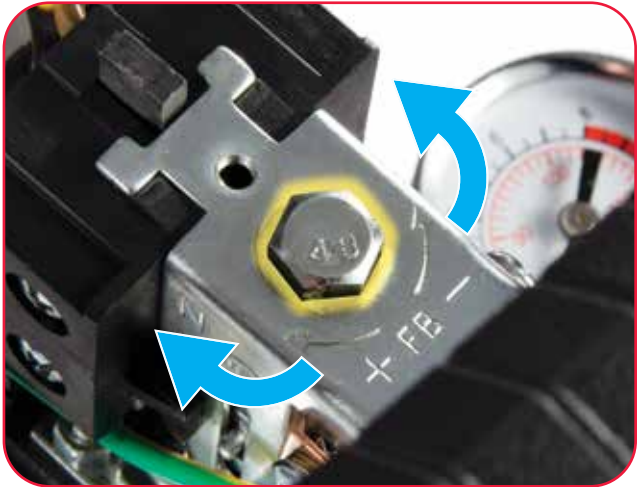


The compressor is controlled by a pressure switch. It stops automatically as the pressure increases to the maximum and restarts as pressure decreases to the minimum. The rated pressure has been set during the manufacturing process.

Before adjusting the pressure stop the air compressor, cut off the power supply, disconnect from the mains and discharge all the air in the tank.

To gain access to the adjustment screw simply remove the pressure switch cover. loosen the screw on top of the cover and slide the cover off.

9 ADJUSTMENT SCREW



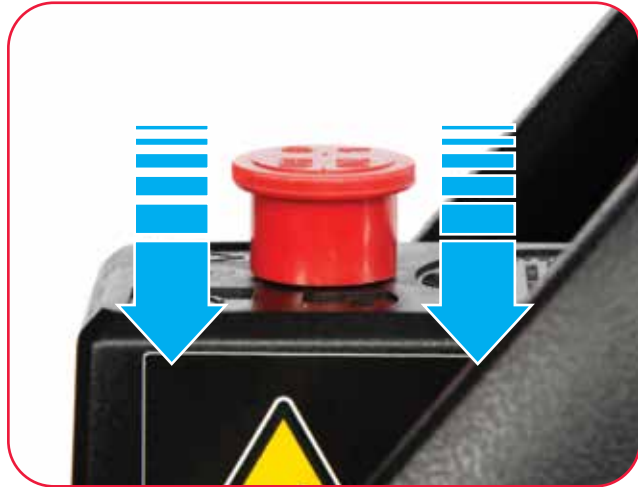
The rated pressure can be altered by turning the adjusting screw. Alter this pressure with caution.

! WARNING!

- Before adjusting the rated pressure turn the power off and disconnect from the mains supply.
- If necessary have it checked by a certified repair centre before proceeding.
- Alter the rated pressure with caution.

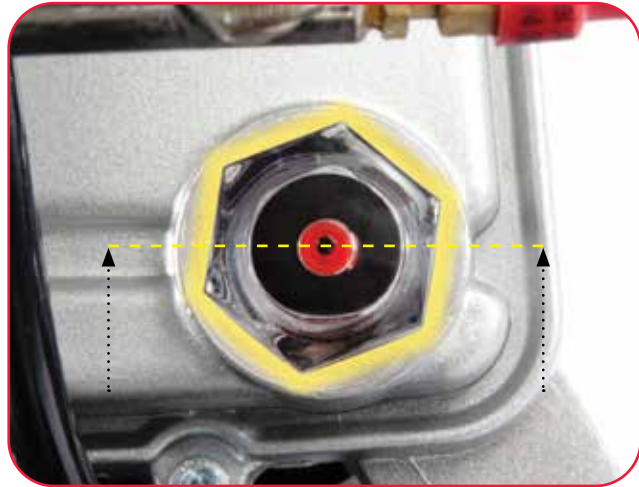
*Products depicted on this page are for illustration purposes only, models may vary slightly.

1 SWITCH OFF



Before any maintenance operation stop the air compressor, cut off the power supply, disconnect from the mains and discharge all the air in the tank.

2 CHECK OIL LEVEL



Renew lubricating oil after the first ten working hours. Check the oil level through the sight-glass after every twenty working hours, the oil level should be within the red circle of the sight-glass. Replenish if necessary. You can replenish by unbolting the sump bolt to strain off any old oil.

3 LOCATE SUMP BOLT



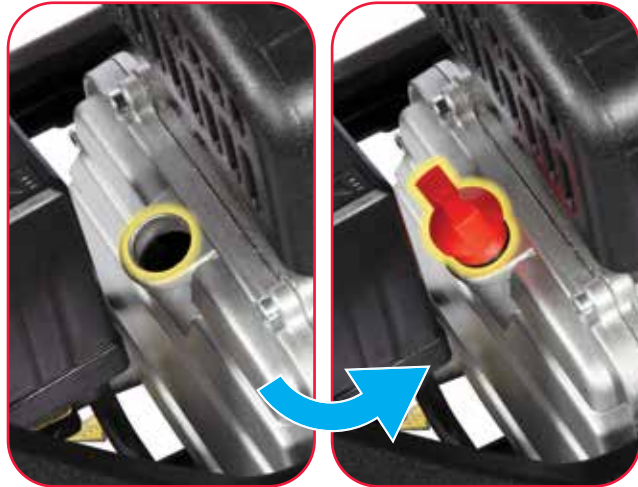
The sump bolt is located at the side of the machine. Use a ratchet spanner or socket to loosen the bolt by turning it in an anti-clockwise direction.

4 EMPTY USED OIL



Strain off any used oil into a container and dispose of responsibly. Once the machine is empty of the old oil replace the sump bolt and re-tighten. You are now ready to refill with fresh oil.

5 FILL WITH FRESH OIL



Remove the oil filler plug and pour in the oil, use a funnel to aid the process if required. Approx 275ml of ISO 46 compressor oil is required. Check the sight-glass and make sure the oil is at a sufficient level. Replace the oil filler plug by pressing it firmly in place.

6 CLEAN THE COMPRESSOR



Clean the crank case and tank if any oil is spilt during this process. It's recommended that the compressor is cleaned after each use to keep in good working order.

! WARNING! • When carrying out maintenance stop the air compressor, cut off the power supply and discharge all the air in the tank

*Products depicted on this page are for illustration purposes only, models may vary slightly.

i NOTICE • ISO 46 Compressor Oil is the recommended oil to use with this machine.
• Keep the compressor in a clean, dry and ventilated area. wipe down with a damp cloth to remove any dirt or grime build up.

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7

LOCATE DRAIN VALVE



The drain valve is located on the bottom of the tank. Once the compressor has been turned off and all pressure has been vented from the tank, turn the drain valve to remove any condensation from inside the tank.

8

REMOVE CONDENSATION FROM TANK



Allow any internal moisture to escape. It's a good idea to tilt the tank to ensure that all moisture has a chance to drain out. When the tank is fully drained, you're free to close the valve and begin using your compressor again.

9

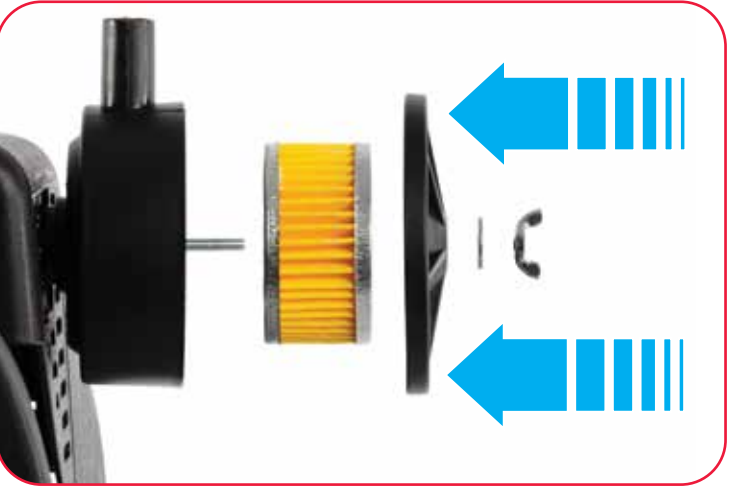
REMOVE AIR FILTER COVER



Remove the air filter cover by turning the wing nut in an anti-clockwise direction. Remove the cover, washer and wing-nut and place somewhere safe. Remove the yellow air filter and clean or replace as necessary. If cleaning, rinse filter with water and soap. Do not refit until dry.

10

REPLACE / CLEAN FILTER



Slide the replacement filter onto the thread followed by the filter cover and the washer. Lock the air filter assembly in place by tightening the wing nut onto the thread. The filter may need more frequent attention if the compressor is operating in a dusty environment.



WARNING!

- Only use drain valve when the machine is switched off and disconnected from mains.
- Water in the air tank will lead to rust, which will damage the tank's structural integrity.
- Corrosion inside the tank could lead to the tank exploding when under pressure.
- Air tank should be checked by a certified repair centre every twelve months.

*Products depicted on this page are for illustration purposes only, models may vary slightly.



NOTICE

- Check the air filter monthly, clean and replace as necessary.



WARNING!

- Never run the machine without the filter fitted it can cause serious damage to the unit.

*Products depicted on this page are for illustration purposes only, models may vary slightly.

1 SAFETY VALVE AND PRESSURE GAUGES



Have the safety valve and pressure gauge checked by a certified repair centre every six months to ensure they are in correct working condition.

2 AIR TANK



Make sure there is no rust on the air tank and the air tank is not damaged. Have the thickness of the tank checked by a certified repair centre every year to ensure the tank thickness is not less than 2.1mm.

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i NOTICE

- Pressure gauges should be checked by a certified repair centre every six months.
- Air tank should be checked by a certified repair centre every twelve months.

*Products depicted on this page are for illustration purposes only, models may vary slightly.

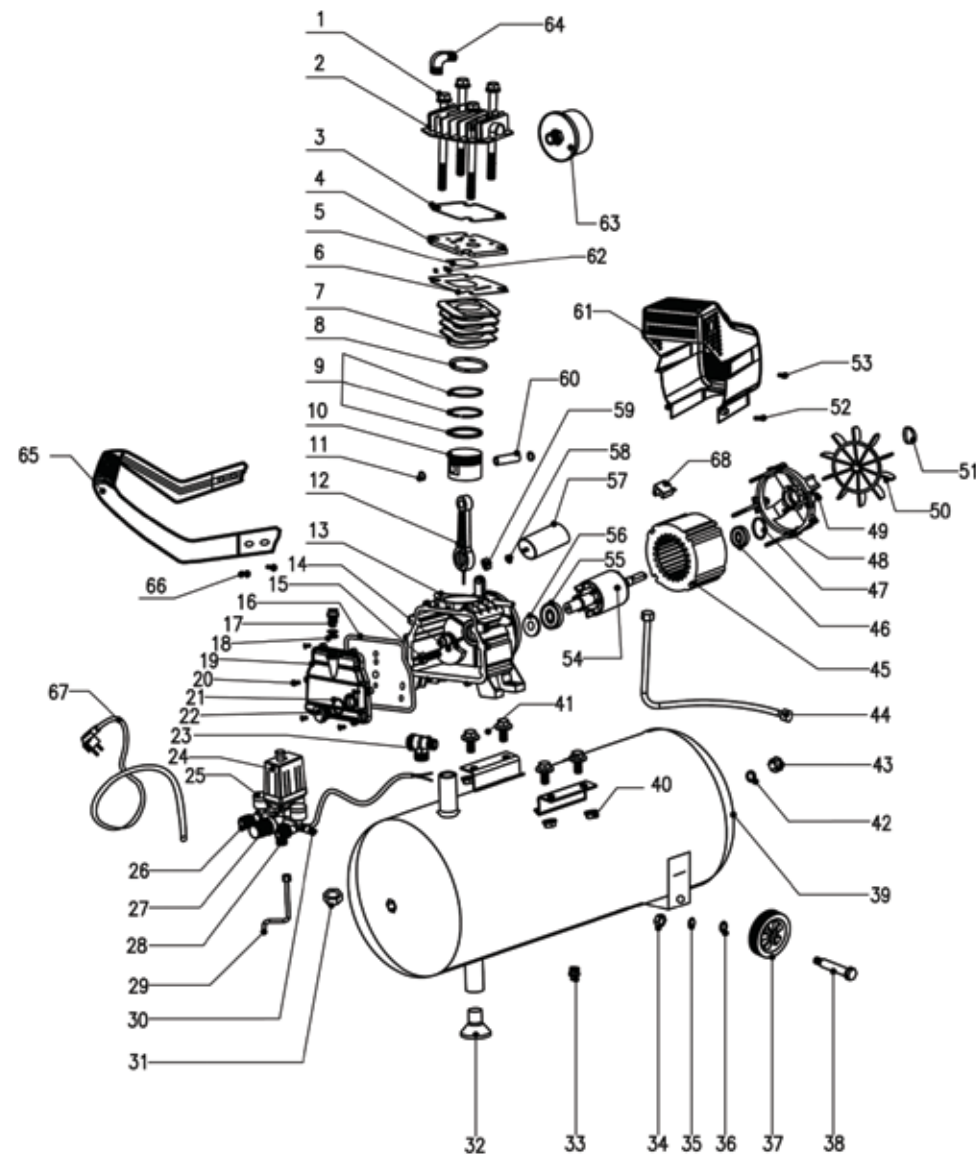
TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Motor not running, running slow or getting hot	<i>Fault in line or insufficient voltage</i>	Check the line
	<i>Power wire too thin or long</i>	Replace the wire
	<i>Faulty pressure switch</i>	Repair or replace
	<i>Faulty motor</i>	Repair or replace
	<i>Main compressor sticking</i>	Check and repair
Main compressor Sticking	<i>Seized due to insufficient oil</i>	Check crankshaft, bearing, connecting rod, piston, piston ring etc. Replace if necessary
	<i>Moving parts damaged by foreign body</i>	
Shaking or abnormal noise	<i>Connecting parts loose</i>	Check and re-tighten
	<i>Foreign body in the main compressor</i>	Check and clean
	<i>Piston locking valve seat worn/torn</i>	Replace gasket
	<i>Moving parts seriously worn</i>	Repair or replace

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Pressure insufficient or discharge capacity decreased	<i>Motor running too slow</i>	Check and remedy
	<i>Air filter clogged</i>	Clean or replace
	<i>Safety Valve leaking</i>	Check and adjust
	<i>Discharge pipe leaking</i>	Check and repair
	<i>Sealing gasket damaged</i>	Check and replace
	<i>Valve plate damaged, stuck or carbon build up</i>	Clean or replace
	<i>Piston ring and cylinder worn or damaged</i>	Repair or replace
Excessive oil consumption	<i>Oil level too high</i>	Check and re-tighten
	<i>Breather pipe choked up</i>	Check and clean
	<i>Piston ring and cylinder worn or damaged</i>	Repair or replace

EXPLODED DIAGRAM



*Products depicted on this page are for illustration purposes only, models may vary slightly.

PARTS INDEX

NO.	NAME	QTY	NO.	NAME	QTY	NO.	NAME	QTY	NO.	NAME	QTY
1	BOLT M8 x 103	4	18	SEALED RING 13 x 2.5	2	35	WASHER 10	2	52	BOLT ST 3.9 x 19	2
2	CYLINDER COVER	1	19	CRANK CASE COVER	1	36	SPRING WASHER 10	2	53	BOLT M5 x 8	2
3	CYLINDER COVER GASKET	1	20	BOLT M6 x 10	6	37	WHEEL	2	54	ROTOR	1
4	VALVE PLATE	1	21	OIL LEVEL GASKET	1	38	WHEEL BOLT M10	2	55	BEARING 6204	1
5	VALVE CLACK	1	22	OIL LEVEL	1	39	TANK	1	56	SEALING RING	1
6	VALVE PLATE GASKET	1	23	ONLY WAY VALVE	1	40	LOCK NUT M8	4	67	CAPACITANCE	1
7	CYLINDER	1	24	PRESSURE SWITCH	1	41	LOCK BOLT M8 x 2.4	4	58	WASHER 8	1
8	CYLINDER GASKET	1	25	PRESSURE GAUGE	2	42	SEALED RING 18 x 2.4	2	59	NUT M8	1
9	PISTON RING	3	26	QUICK COUPLERS	2	43	STEM RP 1/2	2	60	PISTON PIN	1
10	PISTON	1	27	REGULATOR VALVE	1	44	DISCHARGE PIPE	1	61	FAN COVER	1
11	CIRCLIP	2	28	DISTRIBUTOR	1	45	STARTER	1	62	COLUMN	2
12	CONNECTING ROD	1	29	RELEASE PIPE	1	46	BEARING 6203	1	63	AIR FILTER	1
13	CRANK CASE	1	30	SAFETY VALVE	1	47	CONUGATED WASHER	1	64	CURVED HEAD	1
14	CRANK	1	31	NUT RP 1/2	1	48	MOTOR COVER	1	65	PLASTIC HANDLE	1
15	HEX BOLT M8 x 22 (LEFT)	1	32	WASHER FOOT	1	49	BOLT M5 x 105	4	66	BOLT M5 x 1	4
16	RUBBER GASKET	1	33	DRAIN VALVE	1	50	FAN	1	67	POWER CORD	1
17	BREATHER PIPE	1	34	LOCK NUT M10	2	51	CIRCLIP	1	68	THERMAL PROTECTOR	1

ONLINE RESOURCE LIBRARY

1

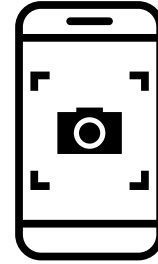
SCAN QR CODE TO ACCESS ONLINE RESOURCES LIBRARY

HELPFUL PRODUCT RESOURCES

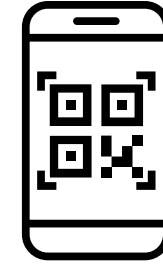
Gaining access to the ParkerBrand online resource library is easy. You'll find online versions of manuals, advice blogs, video tutorials and much, much more.

Simply scan the QR Code that is associated to your product with your camera on your mobile device to have instant access to an array of useful information for you to get the most from your machine.

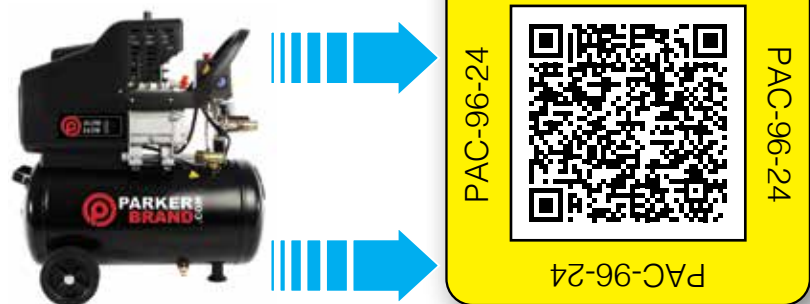
OPEN PHONE CAMERA.



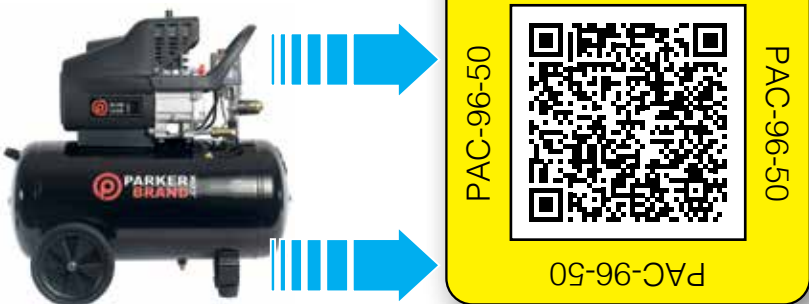
FRAME THE QR CODE.



SCAN QR CODE FOR ACCESS
TO PAC-96-24 RESOURCES



SCAN QR CODE FOR ACCESS
TO PAC-96-50 RESOURCES



ONLINE RESOURCE LIBRARY

2

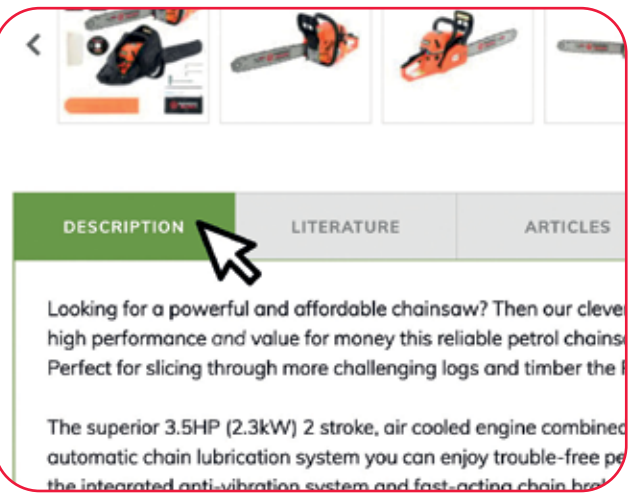
TAP POP-UP



Tap the link/pop up that displays after scanning the QR code. It will take you directly to the product page for this machine on the ParkerBrand website.

3

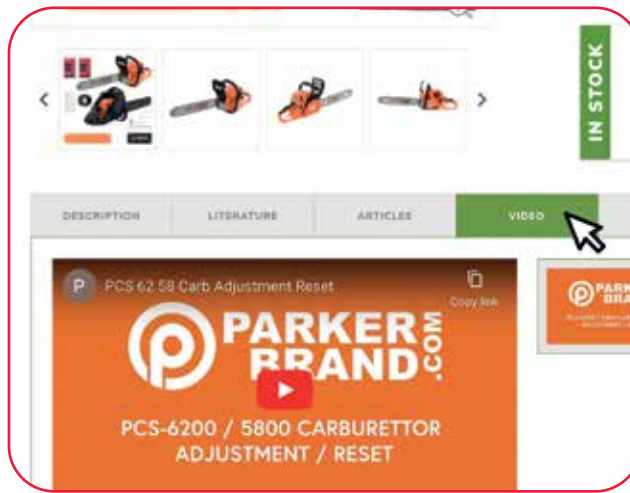
SCROLL DOWN PAGE



Scroll down the product page to the product description box. Take note of the green tab and the greyed out tabs along the top of the description box

4

SELECT A RESOURCE



Click on the tab for the resource you'd like to access. Choose from **description**, **literature**, **articles** and **video**. your chosen resource tab will be highlighted in green.



NOTICE

- No resources for your product? Don't worry we are adding new content all the time.
- If you require help/advice with your product contact us via email at help@parkerbrand.co.uk



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CUSTOMERSERVICE

PARKERBRAND CONGRATULATE YOU ON YOUR CHOICE OF EQUIPMENT.

We know that you'll be excited to start using your machine and becoming familiar with it. We take time to produce useful manuals that serve you well. You'll find useful information on the further care and maintenance of your machine in your manual. We'd also like to assure you that we'll take care of you, should you need our assistance.

You will find useful resources on the ParkerBrand website (www.parkerbrand.co.uk) which you will find listed under articles or videos on the product page. Should you wish to speak with someone in person then we are very happy for you to call us.

Our Customer Service team are based in Louth, Lincolnshire and will be happy to speak with you to provide assistance. You can call on **(+44) 01507 499198** during office hours.

You are of course very welcome to email us at any time and a member of the team will respond. You can email us at the following address: help@parkerbrand.co.uk

We know that taking care of our customers in a helpful and straightforward manner is much appreciated, just as you, our customer are appreciated in turn.

Thank you for buying ParkerBrand we are here if you need us, be sure of it.



(+44) 01507 499198



help@parkerbrand.co.uk



www.parkerbrand.co.uk

TECHNICAL SPECIFICATION	PAC-96-24	PAC-96-50
POWER -	1.5kW / 2.5 HP	1.5kW / 2.5 HP
VOLTAGE -	230 V	230 V
FREQUENCY -	50 Hz	50 Hz
MOTOR POLES -	2 P	2 P
RATED SPEED -	2850 RPM	2850 RPM
DELIVERY -	9.6 CFM	9.6 CFM
DISCHARGE PRESSURE -	115 PSI / 0.8 MPa	115 PSI / 0.8 MPa
RESTART PRESSURE -	70 PSI / 0.5 MPa	70 PSI / 0.5 MPa
TANK CAPACITY -	24L	50L
DIMENSIONS -	600 x 290 x 645	770 x 330 x 730
AIR OUTLET SIZE -	1/4 in	1/4 in

Parker Products Ltd Guarantees the product against defective material or damage for a minimum period of 12 months from the date of purchase. A proof of purchase must be provided with the product.

In case of any fault please return the product to Parker Products Ltd or an authorised repair agent.

If any fault is caused by defective materials or quality of build, repair will be carried out free of charge. However, this guarantee does not apply in the case of normal wear and tear, nor any damage caused by misuse, accident or any repair from an unauthorised agency.

The product is to be used only for its prescribed purpose, any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

NOTE: In order for you to effect this guarantee you must provide proof of purchase in the form of a dated receipt or invoice. If repairs are outside of the warranty period a quote will be made accordingly.

PARKER PRODUCTS LIMITED

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Description & Function:

24 Litre / 50 Litre Air Compressor
Rated Voltage: 230v ~
Rated Frequency: 50Hz
Rated Input Power: 1800W
Protection Class: I
Protection Degree: IP20
Max. Working Pressure: 0.8MPa
Remark: Indoors only

Model/Type:

PAC-96-24
PAC-96-50

Manufacturing Date/Serial Number:

2024

Conforms to the following Directives:

- ☒ Machinery Directive 2006/42/EC
- ☒ Low Voltage Directive 2014/35/EU

Manufacturer’s authorised representative within the EC:

Parker Products Ltd.
Richmond Park, Richmond Road,
Louth, LN11 0FU

Conforms to the requirements of the Directives, as indicated, and the following harmonised standard(s):

- ☒ EN 1012-1:2010, AfPS GS 2014:01 PAK

Technical file complied by:

Parker Products Ltd

Being the responsible person appointed by the manufacturer.

Signed:



Date: 01/01/2024

Name: Jason Parker

Position: Managing Director

