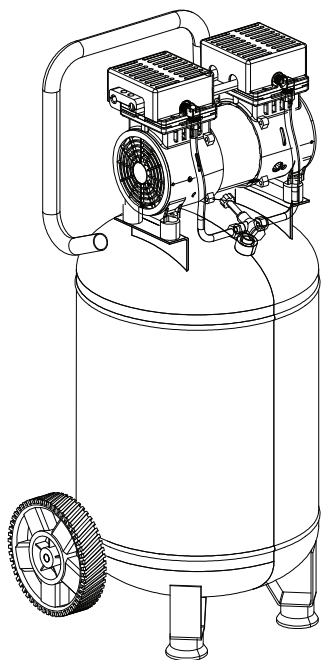




2HP 13 GALLON AIR COMPRESSOR 116 PSI

SKU 65162



ASSEMBLY AND USER'S GUIDE

⚠ DANGER

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in serious injury. Save all warnings and instructions for future reference.

65162 



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CUSTOMER SERVICE

If you have any questions about ordering our pool pumps and replacement parts or other products, please feel free to contact us using the following contact information:

Customer Service and Technical Support

Phone: (909) 628-0880

Email: customer@xtremepowerusa.com

Hours of Operation: Monday – Friday, 9AM – 4PM (CST)

IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

This guide provides instructions for installing and using the Air Compressor. If you have any questions about the equipment, please contact XtremepowerUS.

This guide contains important information about safely installing and operating this product. After installation, make sure to share this information with the owner/operator or leave it with them for their reference.

Legends and Symbols

When you come across the safety-alert symbol on your equipment or in this manual, pay attention to the following signal words and remain vigilant about the potential for personal injury.



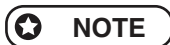
DANGER: Ignoring these hazards can result in death, severe personal injury, or significant property damage.



WARNING: Indicates potential hazards that can result in severe personal injury, death, or significant property damage. Ignoring these warnings presents a real danger.



CAUTION: Indicates potential hazards that can result in minor or moderate personal injury, property damage, or actions that are unpredictable and unsafe. Ignoring these cautions presents a potential hazard.



NOTICE: This label indicates important special instructions that are not directly related to hazards.

USE OF NON-XTREMEPOWERUS REPLACEMENT PARTS VOIDS WARRANTY

ATTENTION INSTALLER: This manual contains vital information regarding the installation, operation, and safe use of this product. It is essential to provide this manual to the end user of the product. Failure to read and follow all instructions could lead to severe injuries.



Failure to comply with all instructions and warnings may lead to severe bodily injury or even death. For optimal safety and functionality, it is advisable to have the product installed and serviced by a certified service professional. Prior to using this product, installers, operators, and owners must carefully review these warnings and all instructions provided in the owner's manual. It is essential to leave these warnings and the owner's manual with the owner for their reference and safety.



For safety reasons, children should not be allowed to use this product. Packing materials and plastic bags are not toys. Keep them away from children to prevent the risk of suffocation.

IMPORTANT SAFETY INSTRUCTIONS

GENERAL SAFETY INFORMATION

Before using the Air Compressor carefully read and understand all safety guidelines. Failure to follow these instructions may result in serious injury, property damage, or death.

WARNING

The warning and safety instructions in this manual do not cover all possible conditions and situations that may arise. Common sense, caution, and care must always be exercised when operating or cleaning tools and equipment. If you encounter problems or conditions you do not understand, contact your dealer, distributor, service agent, or manufacturer before operating the product.

DANGER

- Never aim a compressed air beam at your body, another person, or animals.
- Do not touch any hot compressor parts, including the cylinder cover, exhaust pipe, or non-return valve, as they can cause severe burns.
- Disconnect the compressor from the power source and release all pressure before performing repairs, maintenance, or cleaning.
- Do not store the compressor on a slope or upside down. Improper storage may lead to serious accidents or equipment failure.
- Do not operate the compressor at a voltage higher than specified. Doing so may cause engine overheating, electrical hazards, or fire.

WARNING

- Inspect the compressor before each use. If any part is damaged, assess whether the device is still safe to operate.
- Store the machine in a dry, ventilated environment away from flammable, perishable, and chemical goods.
- If stored for more than three years, the compressor must undergo inspection, maintenance, and testing before use.
- Do not allow unauthorized persons, visitors, or children near the machine while in operation.
- Always wear protective glasses, hearing protection, and appropriate safety gear.
- Ensure the compressor does not get wet and avoid humid environments. Moisture can cause malfunctions or electric shock.
- Before turning on the compressor, ensure the pressure transducer switch is in the OFF position.
- Do not transfer the compressor while connected to a power source or when the air jet is under pressure.
- Any non-approved modifications may reduce performance, void the warranty, and create safety hazards.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

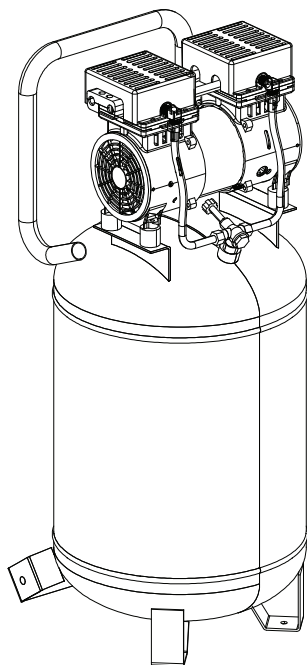
- Use the compressor in a well-ventilated, cool, and clean environment to prevent overheating and damage.
- Keep cables in good condition:
- If power is $\leq 750\text{W}$, the cable cross-section must be at least 1 mm^2 .
- If power is $> 750\text{W}$, the cable cross-section must be at least 2 mm^2 .
- Do not use excessively long cables to prevent voltage drops and inefficiency.
- Do not wear loose clothing or jewelry when operating the machine, as they can get caught in moving parts.
- If using an extension cord outdoors, use one designed for outdoor use with appropriate ratings.
- Do not alter the compressor or attempt unauthorized repairs. If repairs are needed, contact customer service or a qualified technician.
- Only qualified electricians should repair the compressor in authorized service centers, using original spare parts to maintain safety compliance.
- Failure to follow safety regulations may result in accidents, serious injuries, or equipment failure.

NOTE

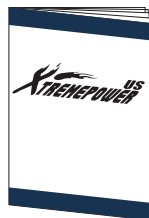
- Check for misalignment, binding, or broken parts before use. Do not operate the compressor if any part is damaged.
- This device meets all necessary safety regulations. However, improper use can still lead to hazards.
- Repairs must be carried out by trained professionals to prevent risk of malfunction or injury.

PACKAGE CONTENTS

PACKAGE CONTENTS



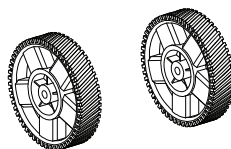
AIR COMPRESSOR
1 PC(S)



**INSTRUCTION
MANUAL**



PAD
2 PC(S)



WHEEL
2 PC(S)

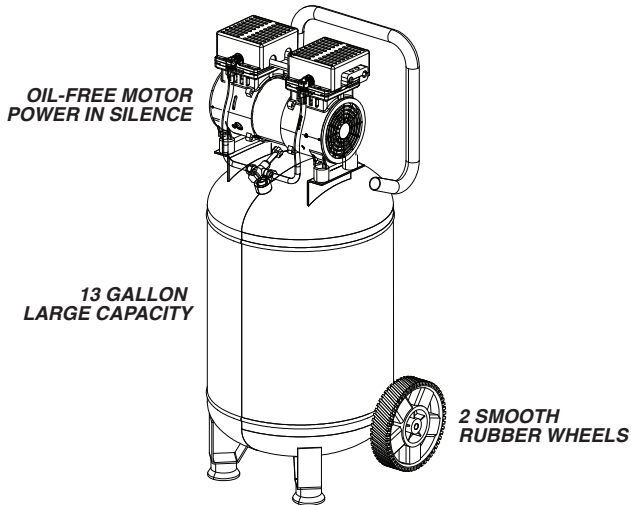
MAIN TECHNICAL PARAMETERS

MODEL	VOLTAGE	AIR CAPACITY	PRESSURE	POWER	SPEED	TANK
65162	110V / 60HZ	4.9 CFM	116 PSI	1450W	3400 R.P.M.	13 GALLON

OVERVIEW

OVERVIEW (PRODUCT INFORMATION)

2HP / 13 GAL / 116 PSI AIR COMPRESSOR



INTRODUCTION

The XtremePowerUS Oil-Free Air Compressor is widely used in dentistry, aquaculture, food, medicine, health and fitness facilities, chemical industry, scientific industry, etc. It also can be side as a vacuum pump. Its main advantages are as follows:

The motor adopts an advanced design system to guarantee the compressor achieves high power, high efficiency, low energy consumption, high performance, and high reliability.

The piston ring adopts environmental protection materials, with a small friction coefficient, capable of self-lubricating, replacing the traditional oil piston machine for lubrication. More importantly, no harmful substances containing oil would cause secondary pollution to air sources.

The jacket adopts an advanced surface hardening treatment technique, greatly reducing the thickness, accelerating the speed of heat transfer, and effectively improving the surface density and wear resistance, reducing friction coefficient, as a result of prolonging the service life and reducing the maintenance time and costs.

The admission and the discharge valve pieces have been adapted to the Sweden steel belt which has been processed by critically rolling and grinding for 80 hours. The silencer design improves the volume efficiency and the noise is lower than a similar machine.

The machine has multiple pressure and overload protection to ensure stable and reliable use.

OPERATION INSTRUCTIONS

Starting the Machine:

- Set the switch button to the ON/AUTO position and plug in the machine.
- If the machine does not start, reduce the air tank pressure to 58 PSI then attempt to start it again.

Stopping the Machine:

- Set the switch button to the OFF position and shut off the power. The machine will stop running.

Safety Valve Operation:

- The switch is equipped with a safety valve. If the air tank pressure exceeds 128 PSI the relief valve will activate, releasing pressure automatically.
- If the safety valve sounds, check the air pressure switch to ensure the working pressure does not exceed the maximum limit.

Draining the Oil-Water Separator:

- After turning off the machine, gently turn the lever under the oil-water separator to fully discharge any accumulated waste.

Adjusting the Release Valve Pressure:

- The air pressure from the release valve can be adjusted using the regulating valve on the oil-water separator.
- Turning the valve clockwise increases pressure.

ⓘ CAUTION Do not rotate beyond its limit, as this may cause damage.

Adjusting the Pressure Switch:

To adjust the working pressure of the pressure switch, open the switch cover and turn the internal screw:

- Clockwise to increase pressure
- Counterclockwise to decrease pressure

MAINTENANCE INSTRUCTIONS



WARNING Cut off the power and release all the air pressure from the tank before performing maintenance.

General Cleaning:

- Keep the machine clean and perform regular maintenance.
-

Draining the Tank:

- Drain the dirty water inside the tank at least once a week.
- Ensure the pressure is at 14.5 PSI before draining.

Safety Valve Check:

- Regularly inspect the safety valve.
- If the valve releases air easily, check whether the valve rod returns to its original position.

Filter and Valve Maintenance:

- After 500 hours of operation, clean or replace the air filter and wash the delivery valve.
- After 5,000 hours of operation, replace the piston ring.

Annual Pressure Test:

- Perform a pressure test on the tank once a year.
- Inspect both the interior and exterior of the tank for any damage or wear.

TROUBLESHOOTING

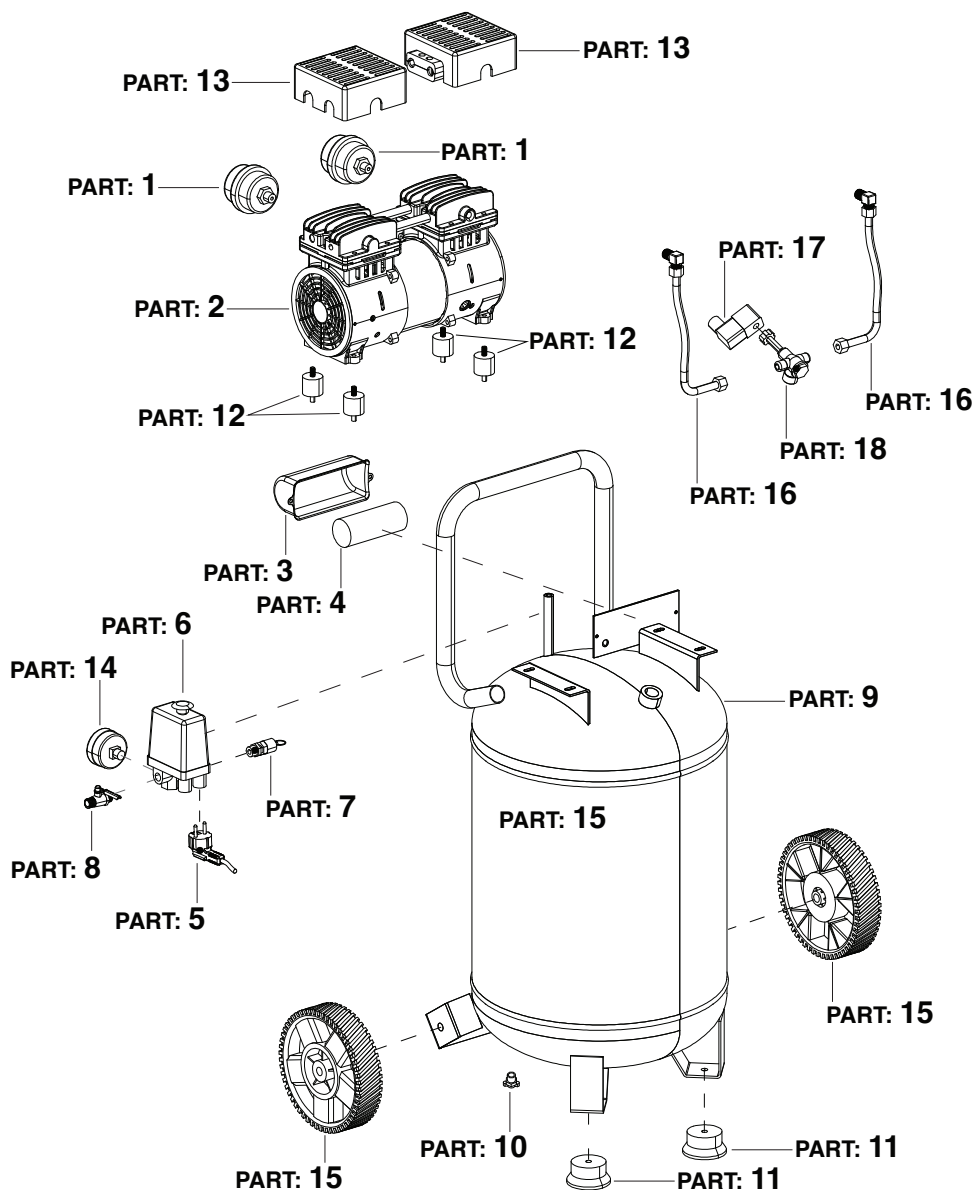
TROUBLESHOOTING

ISSUE	POSSIBLE CAUSE	REMEDY
MOTOR IS UNABLE TO RUN AND MAKES NO SOUND	- Not enough electric power - Pressure switch off - Fuse broken - Over-load protector is protecting - The pressure switch broken - The stator winding broken	- Check the plug and switch - Recovery the switch and make clear reason - Change new fuse - Restart the motor after it cooled (after 15 minutes) - Contact the service center
MOTOR HAVE POWER BUT DOES NOT ROTATE OR ROTATES TOO SLOWLY	- Voltage is too low - Motor winding short circuit or circuit open - Non-return valve or pressure switch broken	- Check the voltage and make sure not lower than 200V - Contact the service center - Contact the service center
OVER-LOAD PROTECTOR REPEATEDLY CUT OFF POWER	- Voltage is too low - Poor ventilation or too high a temperature	- Check the fuse. Do not get power from other electric equipment but use its own circuit - Contact the service center
TURN OFF THE AIR COMPRESSOR AND THE PRESSURE DECREASE	- Gas the circuit connector looses, air leakage - Drain water valve open - Check valve open	- Check the voltage, make sure it is not below 10% of the rated voltage - Contact the service center - Contact the service center
RELEASED AIR CONTAINS TOO MUCH WATER	- The tank has too much water - Too humid environment	- Drain water inside the tank - Use it in lower temperature and dry environment or use oil-water separator.
AIR COMPRESSOR WORKING WITHOUT STOP	- Pressure switch broken - Air leakage	- Change new switch - Check and repair it
AIR COMPRESSOR SHAKE	- Fastener loose - Foot pad broken or lose	- Check and repair it - Change new foot pad
PRESSURE CANNOT INCREASE OR CAN NOT REACH THE RATED ONE	- Drain water valve open - The filter block - Gas circuit connector loose - Valve plate or gasket broken - Too much abrasion for piston or cylinder	- Tighten the drain water valve - Cleaning the filter or change new one - Tighten the gas circuit bolt - Change the gasket or plate - Change new piston or cylinder

REPLACEMENT PARTS

REPLACEMENT PARTS

PARTS DIAGRAM



REPLACEMENT PARTS

REPLACEMENT PARTS

PARTS LIST

PART	DESCRIPTION	QTY
P65162-1	SOUND REDUCER	2
P65162-2	MOTOR BODY	1
P65162-3	CAPACITOR COVER	1
P65162-4	CAPACITOR	1
P65162-5	CABLE PLUG	1
P65162-6	PRESSURE SWITCH	1
P65162-7	SAFETY VALVE	1
P65162-8	BALL VALVE	1
P65162-9	TANK	1
P65162-10	DRAIN VALVE	1
P65162-11	PAD	1
P65162-12	SHOCK PAD	4
P65162-13	PLASTIC COVER	2
P65162-14	PRESSURE METER	1
P65162-15	WHEEL	2
P65162-16	METAL HOSE	2
P65162-17	SOLENOID VALVE	1
P65162-18	ONE-WAY VALE	1

DISCLAIMER

DISCLAIMER

PLEASE READ THE FOLLOWING CAREFULLY

The manufacturer and/or distributor have provided the parts list and assembly diagram in this manual for reference purposes only. They do not make any representation or warranty to the buyer that they are qualified to make repairs to the product or replace any parts of the product. In fact, the manufacturer and/or distributor expressly state that all repairs and parts replacements should be undertaken by certified and licensed technicians, and not by the buyer.

The buyer assumes all risk and liability arising from their repairs to the original product or replacement parts or arising from their installation of replacement parts. It is strongly advised that qualified professionals handle any repairs or replacements to ensure safety and proper functioning of the product. Improper installation and operation may result in injury, property damage, or voiding of warranty. The manufacturer and/or distributor shall not be held responsible for any accidents, damages, or malfunctions resulting from the buyer's installation and operation of the product. It is essential to follow all safety guidelines and recommendations provided in this manual and to seek professional assistance if unsure about the installation or operation procedures.

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