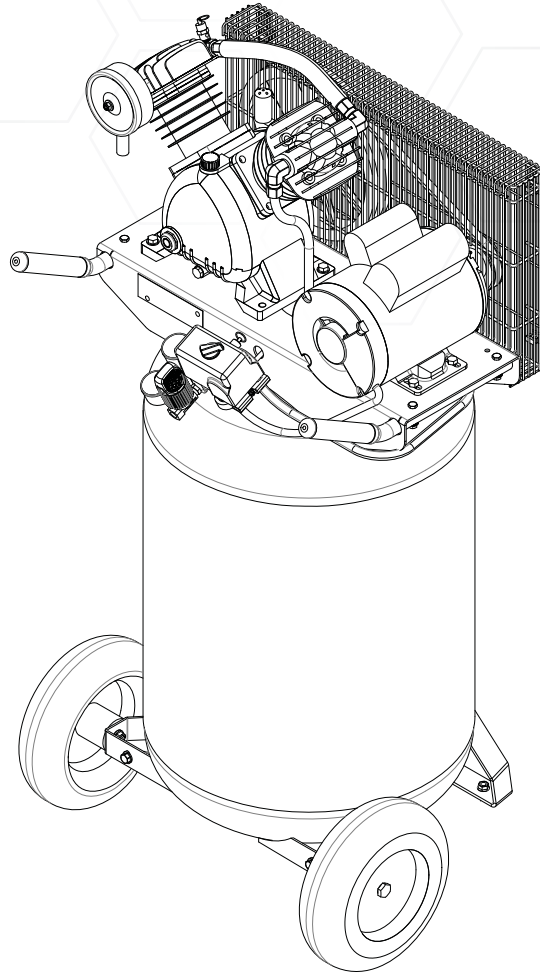


KOBALT™



ITEM #0905519

ELECTRIC AIR COMPRESSOR

MODEL #XC302000

Français p. 25

Español p. 49

ATTACH YOUR RECEIPT HERE

Serial Number _____ Purchase Date _____



Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 1-888-3KOBALT (1-888-356-2258), 8 a.m. - 8 p.m., EST, Monday - Friday.

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PRODUCT SPECIFICATIONS

COMPONENT	SPECIFICATIONS
Model	XC302000
HP	2
Number of Cylinders	2
Number of Stages	2
Air Delivery @ 90 PSI	5.3 CFM
Voltage	120 Volts* / 15 Amps 240 Volts / 7.5 Amps * <i>Factory wiring</i>
Max Pressure	175 PSI

COMPONENT	SPECIFICATIONS
Oil Capacity	15.2 oz
Tank Outlet Size	1/4 NPT
Depth	23 in.
Width	24 in.
Height	46 in.
Weight	178 lbs.

SAFETY GUIDELINES

Please read and understand this entire manual before attempting to assemble, operate or install the product. If you have any questions regarding the product, please call customer service at 1-888-3KOBALT (1-888-356-2258), 8:00 am - 8:00 pm, EST, Monday - Friday.

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

DANGER

Danger indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

WARNING

Warning indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

CAUTION

Caution indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.

NOTICE

Notice indicates important information, that if not followed, may cause damage to equipment.

SAFETY INFORMATION

CALIFORNIA PROPOSITION 65

WARNING

This product can expose you to chemicals including lead, which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

WARNING



Wear eye and mask protection. You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.

GENERAL SAFETY

Since the air compressor and other components (material pump, spray guns, filters, lubricators, hoses, etc.) used, make up a high pressure pumping system, the following safety precautions must be observed at all times:

1. Read all manuals included with this product carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Follow all local electrical and safety codes as well as in the United States, the National Electrical Codes (NEC) and Occupational Safety and Health Act (OSHA).
3. Only persons well acquainted with these rules of safe operation should be allowed to use the compressor.
4. Keep visitors away and NEVER allow children in the work area.
5. Wear safety glasses and use hearing protection when operating the unit.

SAFETY INFORMATION

GENERAL SAFETY (Continued)

6. Do not stand on or use the unit as a handhold.
7. Before each use, inspect compressed air system and electrical components for signs of damage, deterioration, weakness or leakage. Repair or replace defective items before using.
8. Check all fasteners at frequent intervals for proper tightness.
9. Do not wear loose clothing or jewelry that will get caught in the moving parts of the unit.
10. Keep fingers away from a running compressor; fast moving and hot parts will cause injury and/or burns.
11. If the equipment should start to vibrate abnormally, STOP the motor and check immediately for the cause. Vibration is generally a warning of trouble.
12. To reduce fire hazard, keep motor exterior free of oil, solvent, or excessive grease.
13. Never attempt to adjust ASME safety valve. Keep safety valve free from paint and other accumulations.
14. Tanks rust from moisture build-up, which weakens the tank. Make sure to drain tank daily and inspect periodically for unsafe conditions such as rust formation and corrosion.
15. Fast moving air will stir up dust and debris which may be harmful. Release air slowly when draining moisture or depressurizing the compressor system.

DANGER

Risk of Personal Injury. This compressor/pump is NOT equipped and should NOT be used “as is” to supply breathing quality air. For any application of air for human consumption, you must fit the air compressor/pump with suitable in-line safety and alarm equipment. This additional equipment is necessary to properly filter and purify the air to meet minimal specifications for Grade D breathing as described in Compressed Gas Association Commodity Specification G 7.1, OSHA 29 CFR 1910. 134, and/or Canadian Standards Associations (CSA).

DISCLAIMER OF WARRANTIES

In the event the compressor is used for the purpose of breathing air application and proper in-line safety and alarm equipment is not simultaneously used, existing warranties are void, and the Manufacturer disclaims any liability whatsoever for any loss, personal injury or damage.

WARNING

Risk of Personal Injury and/or Equipment Damage. Never install a shut-off valve between the compressor pump and the tank.

DANGER



Risk of Explosion. Never attempt to repair or modify a tank! Welding, drilling or any other modification will weaken the tank resulting in damage from rupture or explosion. Always replace worn, cracked or damaged tanks.

WARNING



Risk of Fire. Motors, electrical equipment and controls can cause electrical arcs that will ignite a flammable gas or vapor. Never operate or repair in or near a flammable gas or vapor. Never store flammable liquids or gases in the vicinity of the compressor.

WARNING

Risk of Explosion. Never use plastic (PVC) pipe for compressed air. Serious injury or death could result.

SAFETY INFORMATION

GENERAL SAFETY (Continued)

WARNING



Risk of Personal Injury. Never operate compressor without a beltguard. This unit can start automatically without warning. Personal injury or property damage could occur from contact with moving parts.

CAUTION

Do Not Overpressure. See compressor specification decal for maximum operating pressure. Do not operate with pressure switch or safety valves set higher than the maximum operating pressure.

WARNING

Risk of Explosion. An ASME code safety relief valve with a setting no higher than the maximum allowable working pressure (MAWP) MUST be installed in the tank for this compressor. The ASME safety valve must have sufficient flow and pressure ratings to protect the pressurized components from bursting.

CAUTION



Risk of Personal Injury. Compressor parts may be hot even if the unit is stopped.

NOTICE

Unit Care and Maintenance. Drain liquid from tank daily.

SPRAYING PRECAUTIONS

1. Do not smoke when spraying paint, insecticides, or other flammable substances.
2. Use a face mask/respirator when spraying and spray in a well-ventilated area to prevent health and fire hazards.
3. Do not direct paint or other sprayed material at the compressor. Locate compressor as far away from the spraying area as possible to minimize overspray accumulation on the compressor.
4. When spraying or cleaning with solvents or toxic chemicals, follow the instructions provided by the chemical manufacturer.

WARNING

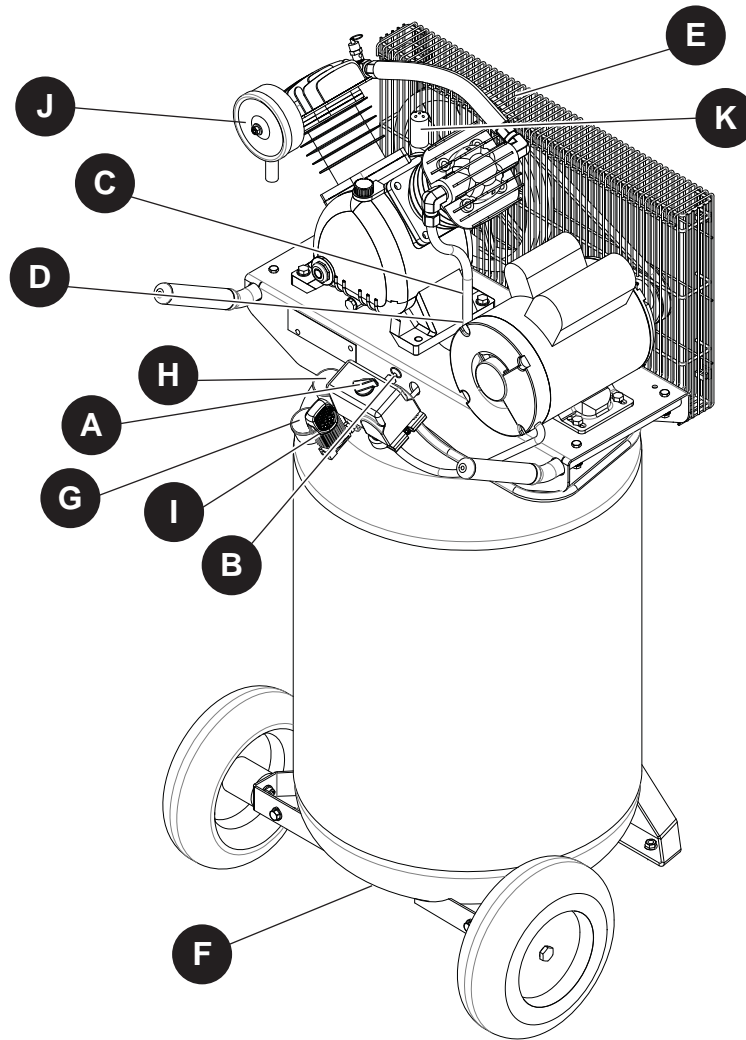


Risk of Fire. Do not spray flammable materials in vicinity of open flame or near ignition sources including the compressor unit.

NOTICE

The **DANGER, WARNING, CAUTION,** and **NOTICE** notifications and instructions in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that caution is a factor which cannot be built into this product, but must be supplied by the operator.

PACKAGE CONTENTS



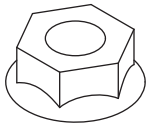
PART	DESCRIPTION	QTY.
A	<p>Pressure Switch - AUTO/OFF Switch - In the AUTO position, the compressor shuts off automatically when tank pressure reaches the maximum preset pressure. After air is used from the tank and drops to a preset low level, the pressure switch automatically turns the motor back on. In the OFF position, the compressor will not operate. This switch should be in the OFF position when connecting or disconnecting the power from the unit.</p> <p>When the pressure switch turns the motor off you will hear air leaking out of the pressure switch unloader valve for a short time. This releases the air pressure from the discharge tube and allows the compressor to restart easier.</p>	1
B	<p>ASME Safety Valve - This valve automatically releases air if the tank pressure exceeds the preset maximum.</p>	1
C	<p>Discharge tube - This tube carries compressed air from the pump to the check valve. This tube becomes very hot during use. To avoid the risk of severe burns, never touch the discharge tube.</p>	1

PACKAGE CONTENTS

PART	DESCRIPTION	QTY.
D	Check valve - One-way valve that allows air to enter the tank, but prevents air in the tank from flowing back into the compressor pump.	1
E	Belt Guard - Covers the belt, motor pulley and flywheel.	1
F	Tank Drain Valve - This valve is located on the bottom of the tank. Use this valve to drain moisture from the tank daily to reduce the risk of corrosion.	1
G	Tank Pressure Gauge - Indicates amount of air pressure stored in tank.	1
H	Hose Pressure Gauge - Indicates amount of air pressure in hose used to operate tools. This pressure is increased or decreased by the regulator.	1
I	Regulator - The regulator controls the amount of air pressure released at the hose outlet.	1
J	Air Filter - Keeps debris and particulates out of the air flowing into the compressor.	1
K	Breather - Vent for crankcase.	1

HARDWARE CONTENTS (shown actual size)

AA



5/16 in. x
18 Spinlock Nut

Qty. 2

BB



Rubber Foot

Qty. 2

PREPARATION

Before beginning installation and/or assembly of product, make sure all parts are present. Compare parts with package contents list and hardware contents list. If any part is missing or damaged, do not attempt to assemble or use the product.

⚠ WARNING

Risk of Personal Injury. Do not operate unit if damaged during shipping, handling or use. Damage may result in bursting and cause injury or property damage.

PREPARATION

Estimated Installation and Assembly Time: 20 minutes

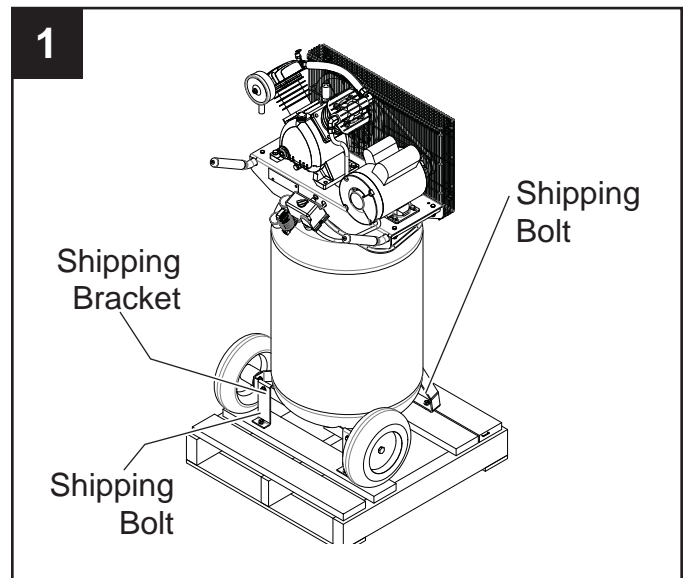
Tools Required for Installation and Assembly (not included): Safety Glasses; Work Gloves; 9/16 in. Socket and Ratchet; Adjustable Wrench

ADDITIONAL PARTS REQUIRED FOR USE [not included]:

1. Air Hose
2. Pipe Thread Sealant

ASSEMBLY INSTRUCTIONS

1. Unbolt the unit from the shipping skid. Use a ratchet with a 9/16 in. socket. Remove the unit from the skid. Discard shipping hardware once removed.



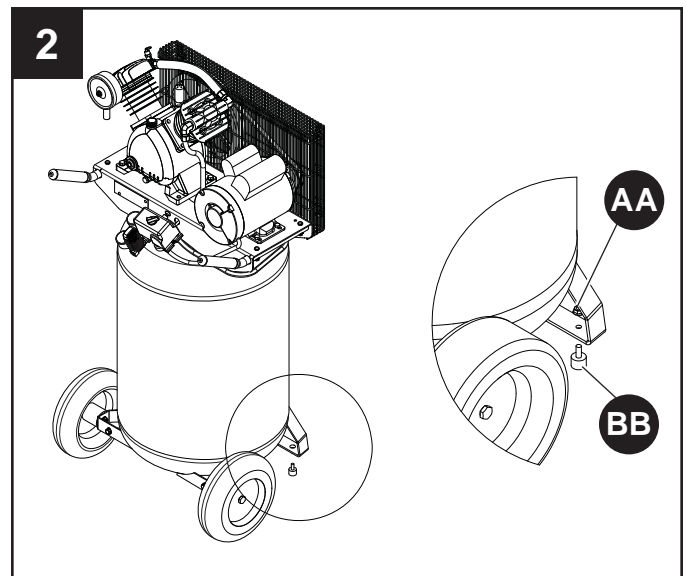
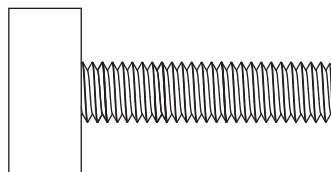
2. Install rubber feet with nuts and washers.

Hardware Used

AA Nut x2

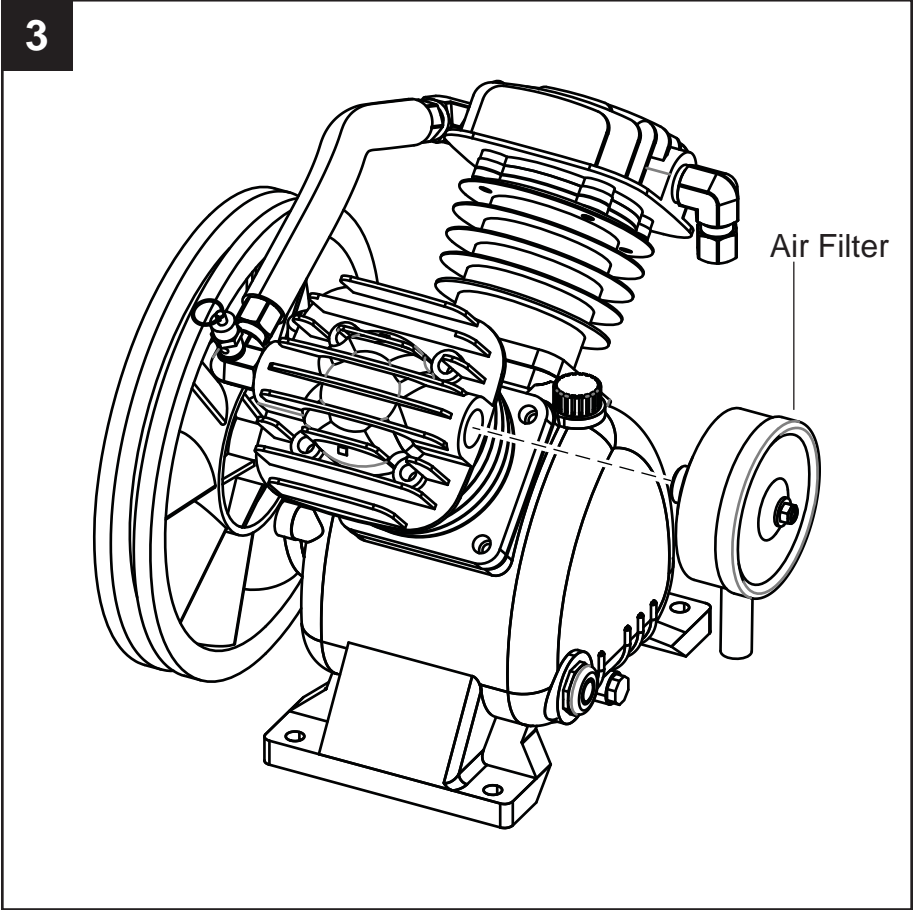


BB Rubber Foot x2



ASSEMBLY INSTRUCTIONS

3. Install air filter.



ASSEMBLY INSTRUCTIONS

LUBRICATION

CAUTION

Inspect Before Use. Check for proper oil level before operating!

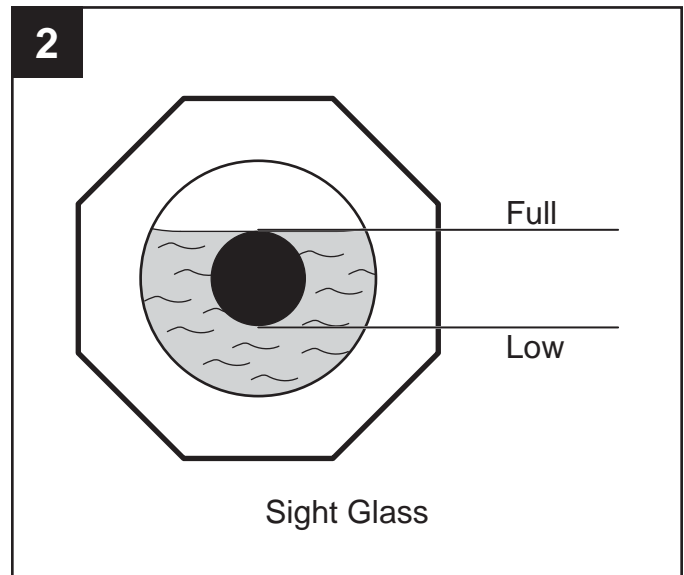
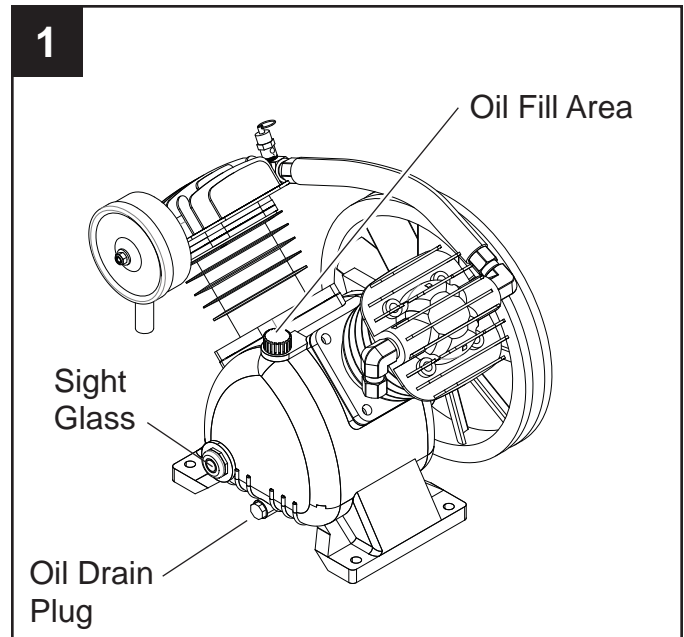
See Figure 1 for location of oil sight glass and fill port. Check oil sight glass for oil level as shown in Figure 2. If oil needs to be added, fill with compressor oil until oil level is to the middle of the red dot.

OIL INFORMATION

Kobalt Air Compressor Oil	SKU 221008
Kobalt Synthetic Blend Oil	SKU 221009
Mobil 1® synthetic 10W30	
Oil Capacity	15.2 ounces

Do not use regular automotive oil. Additives in regular motor oil can cause valve deposits and reduce pump life. For maximum pump life, drain and replace oil after the first fifty (50) hours of operation and then follow the regular maintenance schedule outlined later in the manual.

This pump has an oil sight glass as shown in Figure 1. Oil level can be monitored and maintained as shown in Figure 2.



ASSEMBLY INSTRUCTIONS

ELECTRICAL INFORMATION

⚠ DANGER



Risk of Shock. Improperly grounded motors are shock hazards. Make sure all the equipment is properly grounded.

⚠ WARNING

Risk of Personal Injury or Damage to Personal Property. Overheating, short circuiting and fire damage will result from inadequate wiring.

⚠ WARNING



Risk of Explosion. Disconnect, tag and lock out power source, then release all pressure from the system before attempting to install, service, relocate or perform any maintenance.

⚠ WARNING



Risk of Shock. Improper installation of the grounding plug is able to result in a risk of electric shock. When repair or replacement of the cord or plug is required, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

NOTICE

Unit care and maintenance. Damage to the motor from improper electrical voltage or connection will void the warranty.

Do not use an extension cord, use a longer air hose.

The 120 volt, 15 amp units can be operated on a 120 volt, 15 amp circuit under the following conditions:

1. No other electrical appliances or lights are connected to the same branch circuit.
2. Voltage is 120 Volts.
3. Circuit is equipped with a 15 amp circuit breaker or a 15 amp slow blow fuse type T (For Canada use Type D).
4. The length of copper wire between the outlet and circuit breaker is not longer than 40 ft. of 14 AWG or 70 ft. of 12 AWG.

ASSEMBLY INSTRUCTIONS

GROUNDING

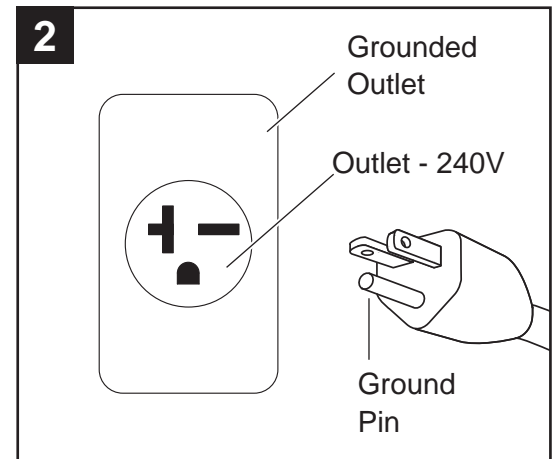
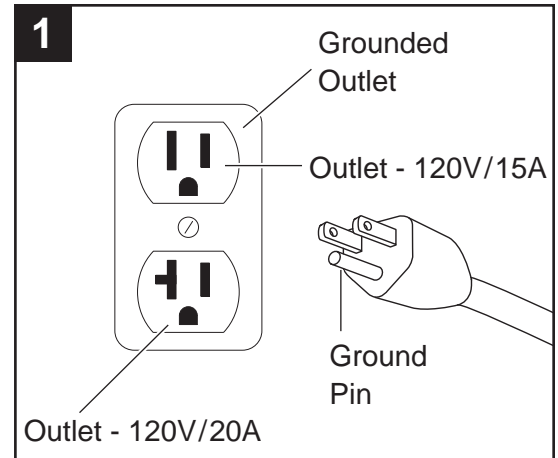
This product must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances. Do not use grounding adapter.

⚠ WARNING

Risk of electric shock. Improper use of grounding plug can result in a risk of electrical shock. Plug must be plugged into an outlet that is properly installed and grounded in accordance with local codes and ordinances by a qualified electrician.

This product comes from the factory ready for use on a nominal 120 volt circuit and has a grounding plug similar to the plug illustrated in Figure 1. If the listed conditions cannot be met or if nuisance tripping of the current protection device occurs, it may be possible to operate the compressor from a 120 volt 20 amp circuit. See Figure 1.

Check motor data plate for 240 volt compatibility. A 240 volt unit must be operated on a 240 volt circuit. The cord must only plug into a 240 volt grounded outlet and may require a new cord and plug. See Figure 2. This product may be modified to operate at 240V. To do so, a 240V power cord needs to be purchased and installed on the unit and wired into the pressure switch just like the 120V cord. The panel on the back of the motor needs to be opened and the flag terminals need to be moved so that the brown wire that is on terminal #1 is on terminal #7 and the white wire that is on terminal #3 needs to be moved to terminal #1 (where the brown wire was originally). See Figure 3.



⚠ WARNING

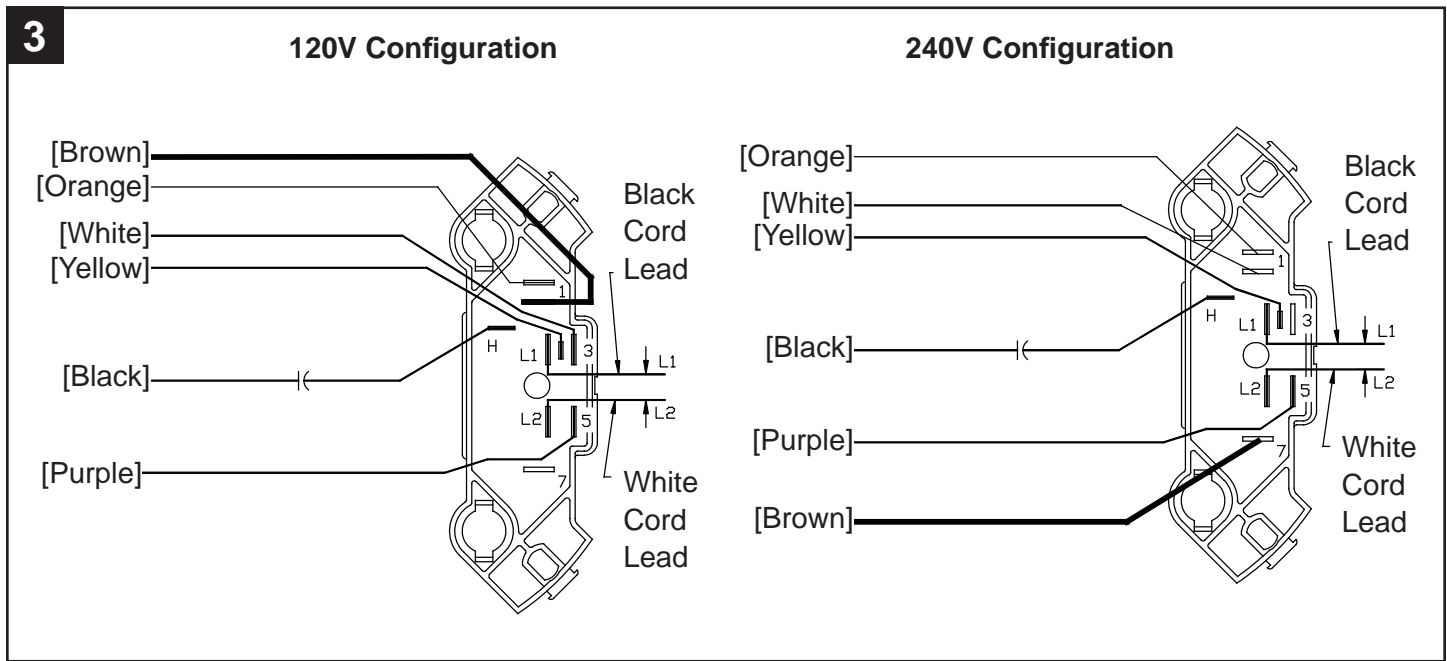
All wiring and electrical connections should be performed by a qualified electrician. Installation must be in accordance with local codes and national electrical codes.

If not properly grounded, this tool can cause an electrical shock, particularly when used in damp locations, in proximity of plumbing, outdoors.

⚠ WARNING

Installation of grounding plug can result in electric shock. When repair or replacement of the cord or plug is required, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire. Never connect green (or green and yellow) wire to a live terminal.

ASSEMBLY INSTRUCTIONS



Use only a 3-wire extension cord that has a 3-blade grounding plug and a 3-slot receptacle that accepts the plug on the product. Make sure your extension cord is not damaged. When using an extension cord, be sure to use one heavy enough to carry the current your product draws. For lengths less than 25 ft. 16-3 AWG extension cords is the smallest gauge that can be used. An undersized cord results in a drop in the voltage and loss of power and overheating. (NOTICE: Table below shows the correct size to use depending on cord length. When in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.)

Use of an extension cord may cause excess heat to motor. This could lead to tripped breaker (at electrical panel) or tripped thermal overload (on compressor motor). If this occurs, eliminate extension cord and plug compressor directly into electrical outlet. Avoid using extension cords; use longer air hose(s) instead.

Check with a qualified electrician or serviceman when the grounding instructions are not completely understood, or when in doubt as to whether the product is properly grounded. Do not modify the plug provided; if it does not fit the outlet, have the proper outlet installed by a qualified electrician. Only connect the product to an outlet having the same configuration as the plug. Do not use an adapter with this product.

Amp Rating Range	Voltage	Cord Length in Feet								
		120V	25 ft.	50 ft.	100 ft.	150 ft.	200 ft.	250 ft.	300 ft.	400 ft.
14-16		16	12	10	8	6	6	4	4	2

OPERATING INSTRUCTIONS

START-UP/BREAK-IN PROCEDURE

⚠ WARNING

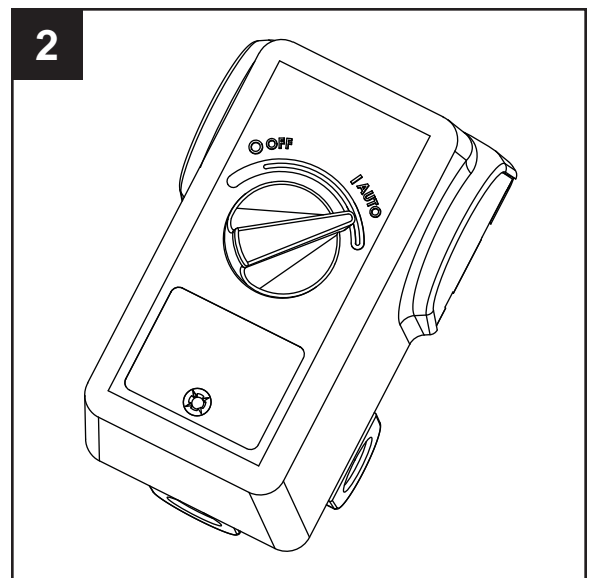
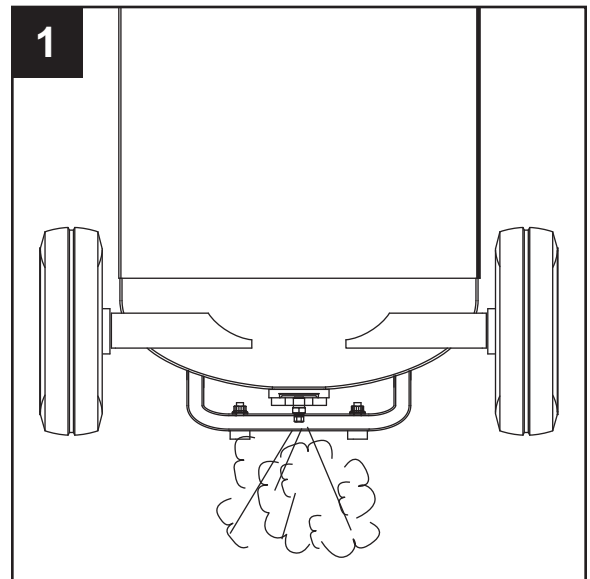
Risk of Personal Injury. Do not attach air tools to open end of the hose until start-up is completed and the unit checks okay.

1. Check oil level per the Lubrication Section of this manual.
2. Open the bottom tank drain valve (see Figure 1). Turn outlet valve to open air flow.
3. Plug unit in.

4. Move pressure switch to the **AUTO** position to run the unit (see Figure 2).
5. Run the unit for thirty (30) minutes at zero (0) psi (under no load) to break in pump parts.
6. Move the pressure switch lever or knob to **OFF** and turn tank drain valve to shut off air flow. The compressor is now ready for use.
7. Change oil after first fifty (50) hours of operation. Then perform oil changes every three (3) months or two hundred (200) hours of run time, whichever comes first.

⚠ WARNING

Risk of Personal Injury. Never disconnect threaded joints with pressure in tank!



COMPRESSOR USE

It is extremely important to operate the compressor in a clean, well-ventilated area where the surrounding air temperature will not be more than 100°F. Do not locate the compressor air inlet near steam, paint spray, sandblast areas or any other source of contamination.

OPERATING INSTRUCTIONS

ON/OFF CYCLING OF COMPRESSOR

WARNING

Risk of Bursting. Drain tank every day to prevent corrosion and possible injury due to tank damage. Do not operate drain with more than 40 psi in tank or drain valve may be damaged. Drain tank of moisture daily using the drain valve in the bottom of the tank.

In the **AUTO** position, the compressor pumps air into the tank. When a shut-off (preset “cut-out”) pressure is reached, the compressor automatically shuts off.

If the compressor is left in the **AUTO** position and air is depleted from the tank by use of a tire chuck, tool, etc., the compressor will restart automatically at its preset “cut-in” pressure. When a tool is being used continuously, the compressor will cycle on and off automatically.

In the **OFF** position, the compressor will not operate.

NOTICE

Unit care and maintenance. Drain liquid from tank daily.

CARE AND MAINTENANCE

WARNING



Risk of Explosion. Disconnect, tag and lock out power source, then release all pressure from the system before attempting to install, service, relocate or perform any maintenance.

NOTICE

Unit care and maintenance. Drain liquid from tank daily.

All repairs should be performed by an authorized service representative.

For efficient operation, perform the following maintenance.

CARE AND MAINTENANCE

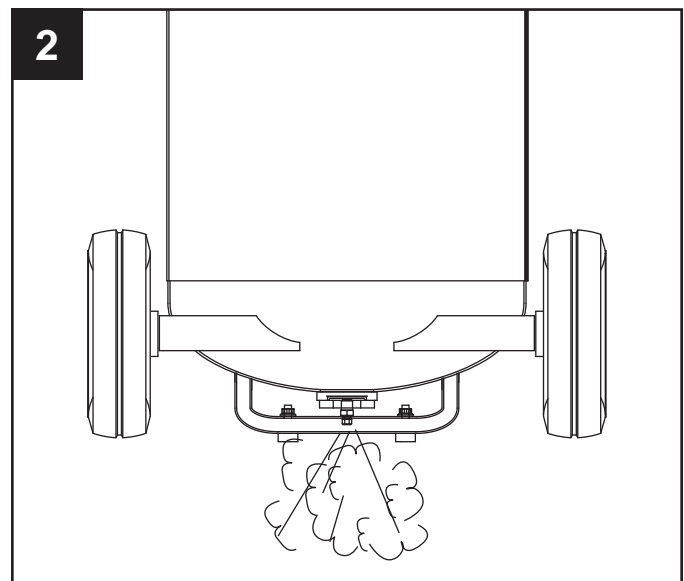
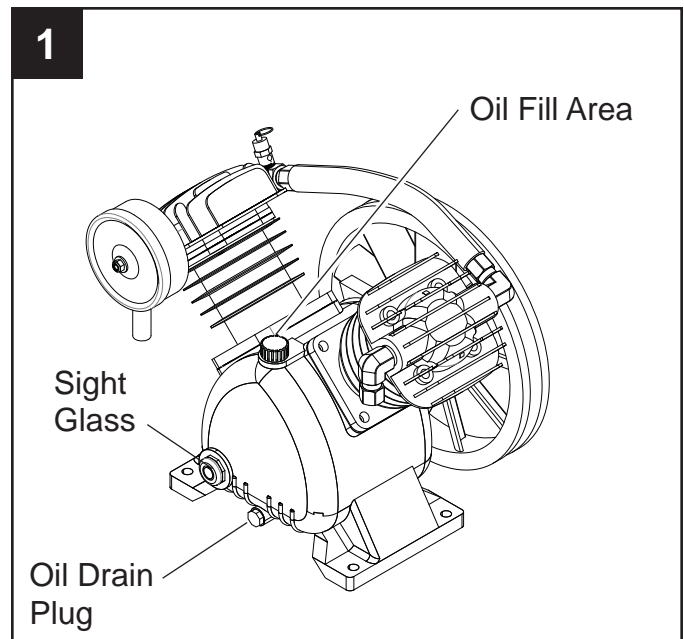
1. Disconnect power cord plug from power source receptacle. Clean debris from motor, flywheel, tank, air lines and pump cooling fins.
2. Maintain proper oil level. Refer to Lubrication section for details.
3. Change oil.
 - a. Allow compressor to run and warm up oil. Disconnect power cord plug from power source receptacle.
 - b. Position a pan under pump.
 - c. Remove oil drain plug (See Figure 1). Allow oil to collect in pan.
 - d. Replace drain plug, fill pump to full level (See Figure 1). See Lubrication section of this manual.
4. Drain Tank. Disconnect, tag and lock out power source; release pressure. Drain moisture from tank by opening drain valve underneath tank (See Figure 2).

MOISTURE IN COMPRESSED AIR

Moisture in compressed air will form into droplets as it comes from an air compressor pump. When humidity is high or when a compressor is in continuous use for an extended period of time, this moisture will collect in the tank. When using a paint spray or sandblast gun, this water will be carried from the tank through the hose, and out of the gun as droplets mixed with the spray material.

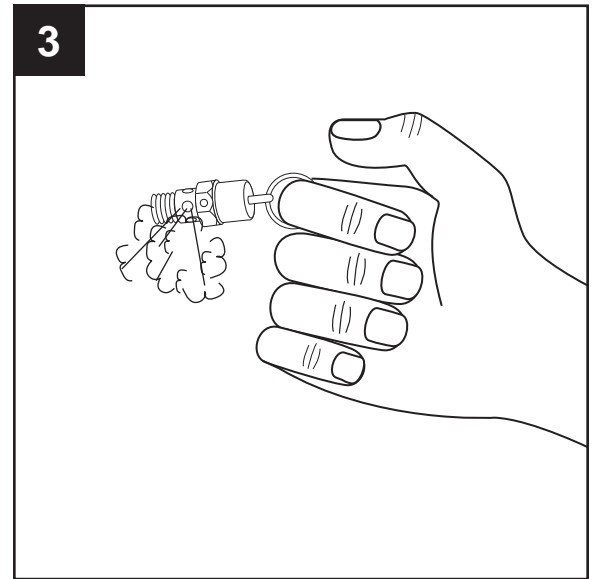
IMPORTANT: This condensation will cause water spots in a paint job, especially when spraying other than water based paints. If sandblasting, it will cause the sand to cake and clog the gun, rendering it ineffective. A filter in the air line, located as near to the gun as possible, will help eliminate this moisture.

5. Check air filter to be sure it is clean. Replace filter if filter is dirty.



CARE AND MAINTENANCE

6. Check the safety valve by performing the following steps:
 - a. Restore power to unit; turn pressure switch to the **AUTO** position. Run until unit reaches 90 psi. Turn pressure switch to **OFF** position.
 - b. Wearing safety glasses and hearing protection, pull the ring on the safety valve to release pressure from compressor tank. Protect yourself from fast-moving air being released; do not allow fast-moving air to be directed toward your face (See Figure 3).
 - c. The safety valve should automatically close at approximately 40-50 psi. If the safety valve does not allow air to be released when you pull on the ring, or if it does not close automatically, it **MUST** be replaced.
7. Check belt for signs of excessive wear. If belt shows signs of wear, replace it. Check belt for proper tension/alignment.



TECHNICAL SERVICE

For information regarding the operation or repair of this product, please call 1-888-3KOBALT (1-888-356-2258).



MAINTENANCE SCHEDULE				
OPERATION	DAILY	WEEKLY	MONTHLY	3 MONTHS
CHECK OIL LEVEL	●			
DRAIN TANK	●			
CHECK AIR FILTER		●		
CHECK SAFETY VALVE		●		
CLEAN UNIT			●	
CHECK BELT TIGHTNESS			●	
CHANGE OIL*				●

* Change oil after first fifty (50) hours of operation then perform oil changes every three (3) months or two hundred (200) hours of run time, whichever comes first.



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Low discharge pressure.	<ol style="list-style-type: none"> 1. Air demand exceeds pump capacity. 2. Restricted air intake. 3. Air leaks (fittings, tubing on compressor, or plumbing outside of system). 	<ol style="list-style-type: none"> 1. Reduce air demand or use a compressor with more capacity. 2. Clean or replace the air filter element. 3. Listen for escaping air. Apply soap solution to all fittings and connections. Bubbles will appear at points of leakage. Tighten or replace leaking fittings or connections. Use pipe thread sealant.



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Low discharge pressure. (Continued)	<ul style="list-style-type: none"> 4. Blown gaskets. 5. Leaking or damaged valves. 	<ul style="list-style-type: none"> 4. Replace any gaskets proven faulty on inspection. 5. Remove head and inspect for valve breakage, misaligned valves, damaged valve seats, etc. Replace defective parts and reassemble. <div style="text-align: center; background-color: black; color: white; padding: 5px;">CAUTION</div> <p>Unit care and maintenance. Install a new head gasket each time the head is removed.</p>
Excessive noise. (knocking)	<ul style="list-style-type: none"> 1. Loose motor pulley or flywheel. 2. Loose fasteners on pump or motor. 3. Lack of oil in crankcase. 4. Worn connecting rod. 5. Worn piston pin bores. 6. Piston hitting the valve plate. 7. Noisy check valve in compressor system. 	<ul style="list-style-type: none"> 1. Tighten pulley/flywheel clamp bolts and set-screws. 2. Tighten fasteners. 3. Check for proper oil level; if low, check for possible damage to bearings. Dirty oil can cause excessive wear. 4. Replace connecting rod. Maintain oil level and change oil more frequently. 5. Remove piston assemblies from the compressor and inspect for excess wear. Replace excessively worn piston pin or pistons, as required. Maintain oil level and change oil more frequently. 6. Remove the compressor head and valve plate and inspect for carbon deposits or other foreign matter on top of piston. Replace head and valve plate using new gasket. See Lubrication section for recommended oil. 7. Replace check valve. <div style="text-align: center; background-color: black; color: white; padding: 5px;">⚠ DANGER</div> <div style="display: flex; align-items: center;">  <p>Risk of Explosion. Do not disassemble check valve with air pressure in tank.</p> </div>
Pressure switch does not release air when the unit shuts off.	Malfunctioning unloader valve on pressure switch.	<p>Replace the unloader valve if it does not release the pressure for a short period of time when the unit shuts off.</p> <div style="text-align: center; background-color: black; color: white; padding: 5px;">⚠ DANGER</div> <div style="display: flex; align-items: center;">  <p>Risk of Explosion. Do not disassemble unloader valve with air pressure in tank.</p> </div>



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Large quantity of oil in the discharge air NOTE: In an oil-lubed compressor there will always be a small amount of oil in the air stream.	<ol style="list-style-type: none"> 1. Worn piston rings. 2. Compressor air intake restricted. 3. Excessive oil in compressor. 4. Wrong oil viscosity. 	<ol style="list-style-type: none"> 1. Replace with new rings. Maintain oil level and change oil more frequently. 2. Clean or replace filter. Check for other restrictions in the intake system. 3. Drain down to full level. 4. Use Mobil 1® 10W-30 or full synthetic.
Water in discharge air/tank.	Normal operation. The amount of water increases with humid weather.	<ol style="list-style-type: none"> 1. Drain tank more often. At least daily. 2. Add a filter to reduce the amount of water in the air line.
Motor hums and runs slowly or not at all.	<ol style="list-style-type: none"> 1. Low voltage. 2. Use of extension cord. 3. Too many devices on same circuit. 4. Loose electrical connections. 5. Malfunctioning pressure switch - contacts will not close. 6. Malfunctioning check valve. 	<ol style="list-style-type: none"> 1. Check incoming voltage. It should be approximately 120 volts. Low voltage could be due to wires (from breaker/fuse to outlet) being too small in diameter and / or too long. Have a qualified electrician check these conditions and make repairs as needed. 2. Do not use an extension cord. Use longer air hose with larger diameter. 3. Limit the circuit to the use of compressor only. 4. Check all electrical connections. 5. Replace pressure switch. 6. Replace check valve.
<div style="background-color: black; color: white; padding: 5px; display: inline-block;">  DANGER </div>		
<div style="display: flex; align-items: center; justify-content: center;">  <div> <p>Risk of Explosion. Do not disassemble check valve with air pressure in tank.</p> </div> </div>		
	<ol style="list-style-type: none"> 7. Defective unloader valve on pressure switch. 8. Defective motor capacitor(s). 9. Defective motor. 	<ol style="list-style-type: none"> 7. Replace unloader valve. 8. Replace capacitor(s). 9. Replace motor.
Reset mechanism cuts out repeatedly or circuit breaker trips repeatedly.	<ol style="list-style-type: none"> 1. Lack of proper ventilation/room temperature too high. 2. Too many devices on same circuit. 3. Restricted air intake. 4. Loose electrical connection. 	<ol style="list-style-type: none"> 1. Move compressor to well-ventilated area. 2. Limit the circuit to the use of only the air compressor. 3. Clean or replace filter element. 4. Check all electrical connections.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Reset mechanism cuts out repeatedly or circuit breaker trips repeatedly. (Continued)	5. Pressure switch shut-off pressure set too high. 6. Low voltage.	5. Replace pressure switch. 6. Check incoming voltage. It should be approximately 120 volts. Low voltage could be due to wires (from breaker/fuse to outlet) being too small in diameter and / or too long. Have a qualified electrician check these conditions and make repairs as needed.
	7. Malfunctioning check valve.	7. Replace check valve. ⚠ DANGER  Risk of Explosion. Do not disassemble check valve with air pressure in tank.
Tank does not hold pressure when compressor is off and the shut off valve is closed.	8. Defective unloader valve on pressure switch. 9. Defective motor capacitor(s). 10. Malfunctioning motor. 11. Low voltage.	8. Replace unloader valve. 9. Replace capacitor(s). 10. Replace motor. 11. Check incoming voltage. It should be approximately 120 volts. Low voltage could be due to wires (from breaker/fuse to outlet) being too small in diameter and / or too long. Have a qualified electrician check these conditions and make repairs as needed.
	1. Air leaks (fittings, tubing on compressor, or plumbing outside system). 2. Worn check valve.	1. Check all connections with soap and water solution. Tighten; or remove and apply sealant to threads, then reassemble. 2. Replace check valve. ⚠ DANGER  Risk of Explosion. Do not disassemble check valve with air pressure in tank.
Excessive vibration.	3. Check tank for cracks or pin holes.	3. Replace tank. Never repair a damaged tank.
Excessive vibration.	1. Loose fasteners on pump or motor.	1. Tighten fasteners.
	2. Belt needs replaced.	2. Replace with correct size.
	3. Belt alignment.	3. Align flywheel and pulley.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Pressure switch continuously blows air out the unloader valve.	Malfunctioning check valve.	<p>Replace the check valve if the unloader valve on the pressure switch bleeds off constantly when unit shuts off.</p> <div style="background-color: black; color: white; padding: 5px; text-align: center;">  DANGER </div> <div style="display: flex; align-items: center; padding: 5px;">  <p>Risk of Explosion. Do not disassemble check valve with air pressure in tank.</p> </div>

WARRANTY

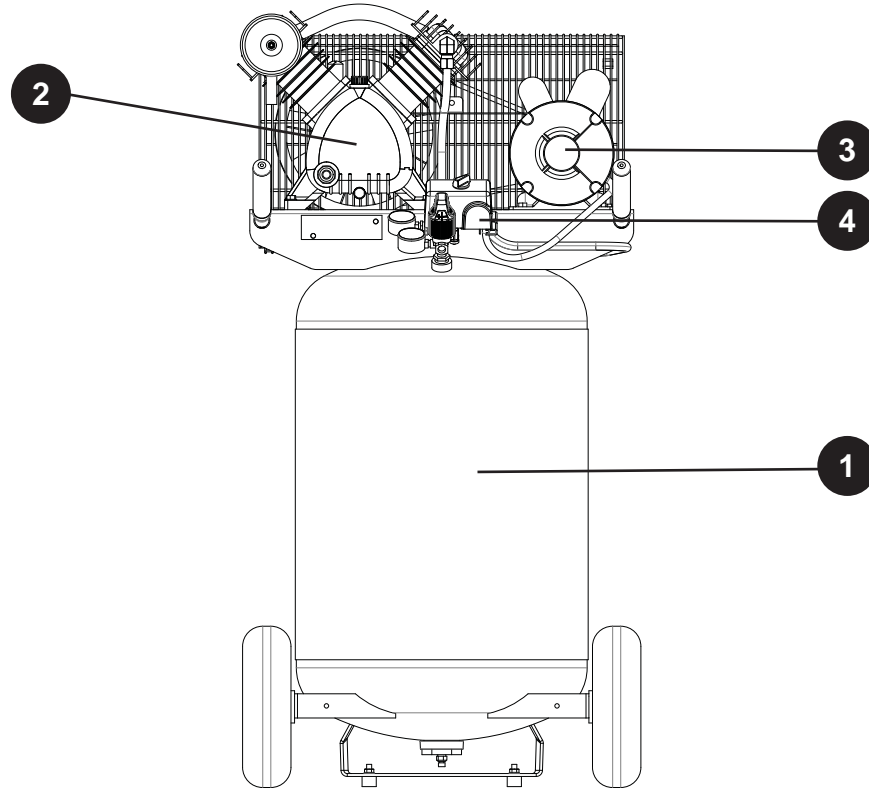
1. **DURATION:** From the date of purchase by the original purchaser as follows: Three Years.
2. **WHO GIVES THIS WARRANTY:** Campbell Hausfeld a Marmon/Berkshire Hathaway Company, 100 Production Drive, Harrison, Ohio, 45030.
3. **WHO RECEIVES THIS WARRANTY (PURCHASER):** The original purchaser (other than for purposes of resale) of the compressor.
4. **WHAT PRODUCTS ARE COVERED BY THIS WARRANTY:** This air compressor.
5. **WHAT IS COVERED UNDER THIS WARRANTY:** Parts and Labor to remedy substantial defects due to material and workmanship during the first year of ownership with the exceptions noted below. Parts only to remedy substantial defects due to material and workmanship during remaining term of coverage with exceptions noted below.
6. **WHAT IS NOT COVERED UNDER THIS WARRANTY:**
 - A. Implied warranties, including those of merchantability and **FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED FROM THE DATE OF ORIGINAL PURCHASE AS STATED IN THE DURATION.** Some States do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you
 - B. **ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF THE CAMPBELL HAUSFELD PRODUCT.** Some States do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
 - C. Any failure that results from an accident, purchaser's abuse, any modification to system, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied with compressor.
 - D. Pre-delivery service, e.g. assembly, oil or lubricants, and adjustment.
 - E. Items or service that is normally required to maintain the product, i.e. lubricants, filters and gaskets, etc.

WARRANTY

- F. Additional items not covered under this warranty:
 - 1. Excluded items pertaining to All Compressors
 - a. Any component damaged in shipment or any failure caused by installing or operating unit under conditions not in accordance with installation and operation guidelines or damaged by contact with tools or surroundings.
 - b. Pump or valve failure caused by rain, excessive humidity, corrosive environments or other contaminants.
 - c. Cosmetic defects that do not interfere with compressor functionality.
 - d. Rusted tanks, including but not limited to rust due to improper drainage or corrosive environments.
 - e. The following components are considered normal wear items and are not covered after the first year of ownership. Electric motor, check valve, pressure switch, regulator, pressure gauges, hose, tubing, pipe, fittings and couplers, screws, nuts, hardware items, belts, pulleys, flywheel, air filter and housing, gaskets, seals, oil leaks, air leaks, oil consumption or usage, piston rings.
 - f. Tank drain valves.
 - g. Damage due to incorrect voltage or improper wiring.
 - h. Other items not listed but considered general wear parts.
 - i. Pressure switches, air governors, load/unload devices, throttle control devices and safety valves modified from factory settings.
 - j. Damage from inadequate filter maintenance.
 - k. Induction motors operated with electricity produced by a generator.
 - 2. Excluded items specific to Lubricated Compressors:
 - a. Pump wear or valve damage caused by using oil not specified.
 - b. Pump wear or damage caused by any oil contamination.
 - c. Pump wear or damage caused by failure to follow proper oil maintenance guidelines, operation below proper oil level or operation without oil.
 - G. Labor, service call, or transportation charges after the first year of ownership of stationary compressors. Stationary compressors are defined as not including a handle or wheels.
 - 7. RESPONSIBILITIES OF WARRANTOR UNDER THIS WARRANTY: Repair or replace, at Warrantor's option, compressor or component which is defective, has malfunctioned and/or failed to conform within the duration of the specific warranty period.
 - 8. RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:
 - A. Provide dated proof of purchase and maintenance records.
 - B. Call customer service at 1-888-3KOBALT (1-888-356-2258) to obtain your warranty service options. Freight costs must be borne by the purchaser.
 - C. Use reasonable care in the operation and maintenance of the products as described in the owner's manual(s).
 - D. Repairs requiring overtime, weekend rates, or anything beyond the standard manufacturer warranty repair labor reimbursement rate.
 - E. Time required for any security checks, safety training, or similar for service personnel to gain access to facility.
 - F. Location of unit must have adequate clearance for service personnel to perform repairs and be easily accessible.
 - 9. WHEN WARRANTOR WILL PERFORM REPAIR OR REPLACEMENT UNDER THIS WARRANTY: Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location, and depending on the availability of replacement parts.
- This Limited Warranty applies in the U.S., Canada and Mexico only and gives you specific legal rights. You may also have other rights which vary from state to state or country to country.

EXPLODED DRAWING

For replacement parts, call our customer service department at 1-888-3KOBALT (1-888-356-2258), 8 a.m. - 8 p.m., EST, Monday - Friday.



Warranty Parts

PART	DESCRIPTION	PART NUMBER	QTY.
1	30 Gallon Tank	AR068300CG	1
2	2HP 2-Stage Reciprocating Pump	XC002200IP	1
3	2HP Electric Motor	MC019800IP	1
4	Pressure Switch	CW214300AV	1

Unit Service Parts

DESCRIPTION	PART NUMBER	QTY.
Drain Valve	SR060513SV	1
Motor Pulley	PU019200AV	1
Vee Belt	BT021501AV	1
Wheel Kit	WA900000SV	1
Check Valve/Exhaust Tube Kit	XC000800SV	1
Pressure Switch Kit	MY000900SV	1
Handle Kit	HL041900SV	1
Belt Guard Kit	BG900000SV	1

Pump Service Parts

DESCRIPTION	PART NUMBER	QTY.
Valve Replacement Kit	XC000200AV	1
Ring Replacement Kit	XC000300AV	1
Gasket Kit	XC000500AV	1
Flywheel	XC000600AV	1
Pump Accessories	XC000700AV	1
Air Filter Element	VH901800AV	1

