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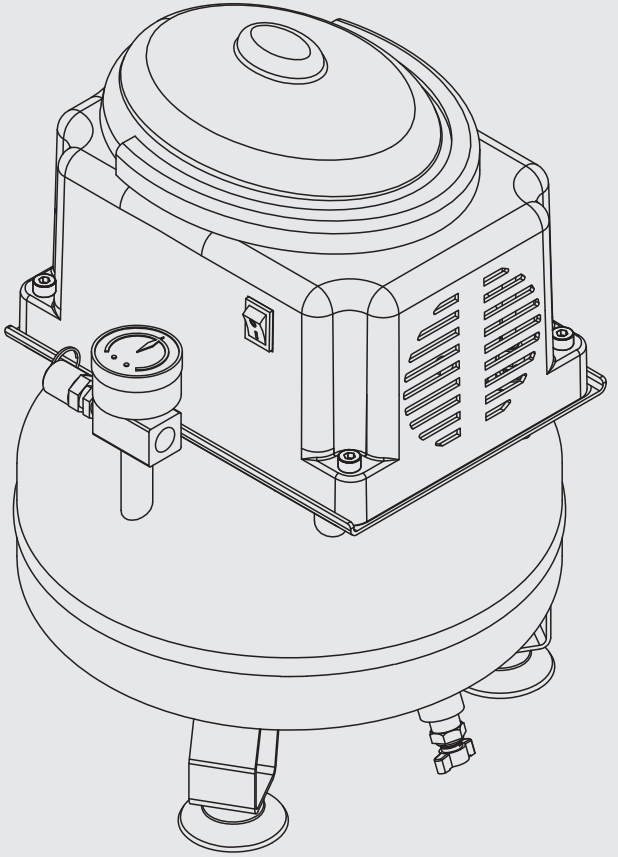
MODEL:TA15GCOMP
(DOL32-1.5G)

1.5 GALLON PORTABLE AIR COMPRESSOR



WARNING:
Failure to follow warnings could result in DEATH OR SERIOUS INJURY.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

T15GIMN100100AV 05/15

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⚠ WARNING:

The warnings and precautions discussed in the manual cannot cover all possible conditions and situations that may occur. It must be understood by the user that common sense and caution are factors which cannot be built into this product, but must be supplied by the user.

SAVE THIS MANUAL

- Keep this manual for the safety warnings, precautions, operations, inspections and maintenance. Keep this manual and the receipt in a safe and dry place for future reference.

⚠WARNING:
To avoid serious personal injury, do not attempt to use this product until you read the manual thoroughly and understand it completely . Failure to follow all instructions listed in this manual may result in electric shock, fire, and/or serious personal injury.

SAFETY SYMBOLS

- The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations that accompany them deserve your careful attention and understanding. The safety warnings DO NOT, by themselves, eliminate any danger. They are not substitutes for proper accident–prevention measures.

SYMBOLS	SIGNAL	MEANING
⚠	DANGER:	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury
⚠	WARNING:	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury
⚠	CAUTION:	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	NOTICE:	(Without Safety Alert Symbol)Indicates a practice not related to personal injury which, if not avoided, may result in property damage.

SAFETY INFORMATION

WORK AREA SAFETY

1. **Keep your work area clean and well lighted.** Ensure floors are not slippery from wax or dust.
2. **Do not operate the compressor in explosive atmosphere, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep bystanders, children, and visitors away while operating tools.** Distractions can cause you to lose control.
4. **Operate air compressor in an open area at least 18 in. (0.5 m) away from any wall or object that could restrict the flow of fresh air to ventilation openings.**
5. **Always disconnect the air supply and power supply before making adjustments, servicing a tool, or when a tool is not in use.**

⚠ WARNING:
This compressor/pump is not equipped and should not be used to supply breathing quality air. Additional equipment would be necessary to properly filter and purify the air to meet minimal specifications for Grade D breathing as described in Compressor Gas Association Commodity Specification G 7.1–1996, OSHA 29 CFR 1910. 134. Compressed Gas Association, 4221 Walney Road, Fifth Floor, Chantilly, VA 20151–2923, (703) 788–2700, www.cganet.com. Any such additional equipment has not been examined and no implication of proper use for breathing air is intended or implied.

PERSONAL SAFETY

⚠WARNING:
Operating any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning operation, always wear safety goggles, safety glasses with side shields, or a full face shield when needed. Always use eye protection marked to comply with ANSI Z87.1

⚠WARNING:
Use safety equipment. Always wear eye protection with side shields when operating power tools. A dust mask, non–skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

California Proposition 65

⚠WARNING:
This product may contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. WASH HANDS AFTER HANDLING.

- **Risk of explosion or fire.** Never spray flammable liquids in a confined area. It is normal for the motor and pressure switch to produce sparks while operating. If sparks come into contact with vapors from gasoline or other solvents, they may ignite and cause a fire or explosion. Do not smoke while spraying. Do not spray where sparks or flames are present. Keep the compressor as far from the spray area as possible. Always operate the compressor in a well–ventilated area.
- **Risk of electric shock.** A licensed electrician must install all wiring in accordance with all local and national codes. To avoid electric shock, never use an electric air compressor outdoors when it is raining or on a wet surface.
- **Risk of bursting.** Rust can weaken the tank. Drain the condensed water from the tank after each use to reduce rusting. Do not weld, drill or modify the air tank of this compressor. Welding or modifications on the air tank can severely impair tank strength and cause an extremely hazardous condition. If a leak is detected in the tank, replace the tank immediately.
- **Risk of injury.** Always shut off the compressor, remove the plug from the outlet and bleed all pressure from the system before servicing the compressor or when the compressor is not in use. Do not use the compressor with the shrouds removed. Contact with moving parts could cause serious injury.
- **Risk of bursting.** Check the maximum pressure rating in the manual or the serial tag label. Compressor outlet pressure must be regulated so as to never exceed the maximum pressure rating. Relieve all pressure through the hose before removing or attaching accessories.
- **Risk of bursting.** Do not adjust the pressure switch or relief valve for any reason. They have been preset at the factory for the maximum pressure of this unit. If the pressure switch or the relief valve are tampered with, personal injury or property damage may occur.
- **Risk of burns.** The pump and manifold generate high temperatures. To avoid burns or other injuries, do not touch the pump, manifold or transfer tube while the unit is running. Allow the parts to cool before handling or servicing. Keep children away from the compressor at all times.
- **Risk to breathing.** Read all labels when you are spraying paints or toxic materials, and follow the safety instructions. Use a respirator mask if there is a chance of inhaling anything you are spraying. Never directly inhale the compressed air produced by a compressor.
- **Use safety equipment.** Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.
- **Risk of eye injury.** Always wear ANSI 287.1 approved safety goggles when using an air compressor. Never point the nozzle or sprayer toward a person or any part of the body. If the spray penetrates the skin, serious injury may occur.
- **Never exceed the maximum working pressure of the tool.**
- **Never attempt to open the drain valve when the tank pressure is more than 10 PSI.**
- **Stay alert when operating a power tool.** Do not use the tool while tired or under the influence of drugs, alcohol, or medication.
- **Do not wear loose clothing or jewelry.** Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- **Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.
- **Do not use on a ladder or unstable support.**

AIR COMPRESSOR AND PNEUMATIC TOOL SAFETY

⚠WARNING:
Do not attempt to modify this compressor or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

⚠ CAUTION:
Do not use in an environment that is dusty or otherwise contaminated. Using the air compressor in this type of environment may cause damage to the unit.

- **Keep compressor as far from the spraying area as possible, at least 15 ft. from the spraying area and all explosive vapors.**
- **Risk of Bursting.** Do not adjust regulator to result in output pressure greater than marked maximum pressure of attachment. Do not use at pressure greater than the rated maximum pressure of this compressor.
- **If connected to a circuit protected by fuses, use time–delay fuses with this product.**
- **To reduce the risk of electric shock, do not expose to rain.** Store indoors.
- **Ensure the hose is free of obstructions or snags.** Entangled or snarled hoses can cause loss of balance or footing and may become damaged.
- **Use the air compressor only for its intended use.** Do not alter or modify the unit from the original design or function. Never weld or drill holes in the air tank.
- **Never leave a tool unattended with the air hose attached.**
- **Do not operate this tool if it does not contain a legible warning label.**
- **Do not continue to use a tool or hose that leaks air or does not function properly. Do not attempt to pull or carry the air compressor by the hose.**
- **Never direct a jet of compressed air toward people or animals.**
- **Protect your lungs.** Wear a face or dust mask if the operation is dusty.
- **Do not use this air compressor to spray chemicals.** Your lungs can be damaged by inhaling toxic fumes. A respirator may be necessary in dusty environment or when spraying paint.

ELECTRICAL SAFETY

1. **Avoid body contact with grounded surfaces such as pipes, radiators, and refrigerators.** There is an increased risk of electric shock if your body is grounded.
2. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
3. **Do not abuse the cord. Never use the cord to carry the tool or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges, and moving parts.**
4. **Replace damaged cords immediately.** Damaged cords increase the risk of electric shock.

ELECTRICAL SAFETY (EXTENSION CORDS)

⚠ WARNING:
Keep the extension cord clear of the working area. Position the cord so that it will not get caught on lumber, tools, or other obstructions while you are working with a power tool. Failure to do so can result in serious personal injury.

⚠ WARNING:
Check extension cords before each use. If damaged, replace immediately. Never use the air compressor with a damaged cord since touching the damaged area could cause electrical shock resulting in serious personal injury.

⚠ WARNING:
Improperly connecting the equipment–grounding conductor can result in a risk of electrical shock.

- **Use only 3–wire extension cords that have 3–prong grounding plugs and 3–pole receptacles that accept the air compressor's plug.**
- **When using the air compressor at a considerable distance from the power source, use an extension cord heavy enough to carry the current that the compressor will draw. An undersized extension cord will cause a drop in line voltage, resulting in a loss of power and causing the motor to overheat. Use the following chart to determine the minimum wire size required in an extension cord.**
- **Only use 100 feet or less round jacked cords listed by Underwriter's Laboratories(UL).**
- **When operating a power tool outside, use an outdoor extension cord marked "W–A" or "W" on the cord's jacket. These cords are rated for outdoor use and reduce the risk of electric shock.**
- **Before using an extension cord, inspect it for loose or exposed wires and cut or worn insulation.**

Ampere rating (on air compressor data plate)						
	0–2.0	2.1–3.4	3.5–5.0	5.1–7.0	7.1–12.0	12.1–16.0
Cord Length		Wire Size (A.W.G.)				
25'	16	16	16	16	14	14
50'	16	16	16	14	14	12
100'	16	16	14	12	10	–
Used on 12 gauge - 20 amp circuit. Note: AWG = American Wire Gauge						

NOTE: Use longer air hoses instead of extension cords. Your air compressor will run better and last longer.

1. **This air compressor is powered by a precision-built electric motor. It should be connected to a power supply that is 120 volts, 60 HZ, AC only (normal household current).Do not operate this tool on direct current (DC).**
2. **A substantial voltage drop will cause a loss of power and the motor will overheat.** If the air compressor does not operate when plugged into an outlet, double check the power supply.

ELECTRICAL SAFETY (SPEED AND WIRING)

1. **The no–load speed of the electric motor varies by model and specification.** The motor speed is not constant and decreases under a load or with lower voltage. For voltage, the wiring in a shop is as important as the motor's horsepower rating.
2. **A line intended only for lights can not properly carry a power tool motor.** Wire that is heavy enough for a short distance will be too light for a greater distance. A line that can support one power tool may not be able to support two or three tools.

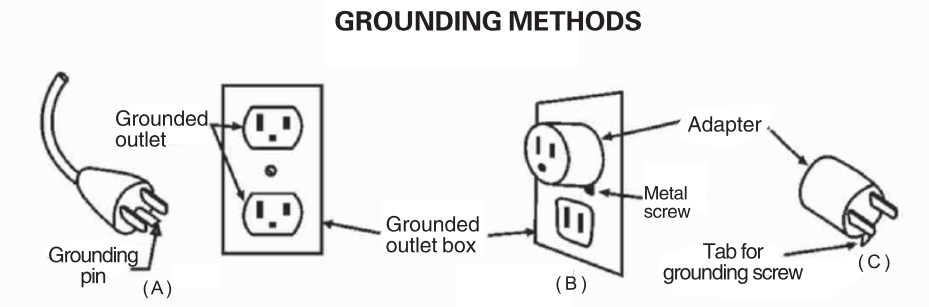
ELECTRICAL SAFETY (GROUNDING INSTRUCTIONS)

1. **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 air compressor is equipped with an electric cord having an equipment–grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.
2. **Do not modify the plug provided.** If it will not fit the outlet, have the proper outlet installed by a qualified electrician.
3. **The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment grounding conductor.** If repair or replacement of the electric cord or plug is necessary, do not connect the equipment grounding conductor to a live terminal.
4. **Check with a qualified electrician or service personnel if you do not completely understand the grounding instructions, or if you are in doubt as to whether the tool is properly grounded.** This product is for use on a nominal 120–V. Do not use an adapter with this product.

⚠ DANGER:
Improper installation of the grounding plug will result in a risk of electric shock. If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The grounding wire has a green outer surface.

⚠CAUTION:
Pull the pressure relief valve ring daily to ensure the valve is functioning properly.
The unit must be kept a minimum of 12 in. from the nearest wall, in a well–ventilated area for cooling.
Protect the air hose and electric cord from damage and puncture. Inspect them weekly for weak or worn spots and replace if necessary.
Always wear hearing protection when using an air compressor. Failure to do so may result in hearing loss.
Operation of the unit should always be in a position that is stable. Never use the unit on a rooftop or elevated position that could allow the unit to fall or be tipped over.

GROUNDING METHODS

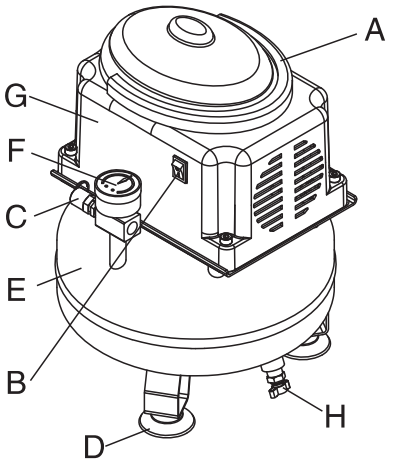


SPECIFICATIONS

AIR COMPRESSOR

Running horsepower	1/3 HP
Air tank capacity	1.5 gal.
Air pressure	100PSI max.
Air delivery	0.7 SCFM at 40 PSI
	0.5 SCFM at 90 PSI
Lubrication	Oil-Free
Gauges	(1) gauge & 1.67 in. diameter
Input	120 V, 60 HZ, AC only, 1.7 Amps.
Net weight	13.5 lbs.

PACKAGE CONTENTS



Part	Description
A	Handle
B	ON(I)/OFF(O) switch
C	Safety valve
D	Rubber foot
E	Tank
F	Guage
G	Shroud
H	Drain valve

COMPRESSOR OPERATION

1. PREPARING FOR STARTUP

⚠WARNING:
Risk of bursting. Too much air pressure causes a hazardous risk of bursting. Check the manufacturer's maximum pressure rating for air tools and accessories. The regulator outlet pressure must never exceed the maximum pressure rating

1. Attach air hose/accessories or air tools (not included) to the quick coupler .
2. Set the ON(I)/OFF (O) switch to OFF (O) position.

2. STARTING UP THE COMPRESSOR

⚠WARNING:
High temperatures are generated by the electric motor and the pump. To prevent burns or other injuries, DO NOT touch the compressor while it is running. Allow it to cool before handling or servicing. Keep children away from the compressor at all times.

1. Close the tank drain valve by turning clockwise.
2. Plug in the power cord .
3. Set the ON/OFF switch to the **ON** position and allow tank pressure to build. Motor will stop when tank pressure reaches shutoff pressure.
4. The compressor is ready for use.

3 . SHUTTING DOWN THE COMPRESSOR

⚠WARNING:
To avoid personal injury, always shut off and unplug the unit, and relieve all air pressure from the system before performing any service on the air compressor.

⚠WARNING:
Risk of unsafe operation. The unit cycles automatically when power is on. When performing maintenance, you may be exposed to voltage sources, compressed air or moving parts. Personal injuries can occur. Before performing any maintenance or repair, disconnect the power source from the compressor and bleed off all air pressure.

⚠ CAUTION
Escaping air and moisture can propel debris that may cause eye injury. Wear safety goggles when opening the drain valve.

1. Set the ON/OFF switch to the **OFF** position.
2. Unplug the power cord.
3. Reduce the pressure in the tank through the outlet hose. Pulling the pressure relief valve ring and keeping it open will also reduce the pressure in the tank.
4. Tip the compressor so the tank drain valve is at the bottom of the tank. Then open the tank drain valve counterclockwise to allow moisture to drain from the tank.

CARE AND MAINTENANCE

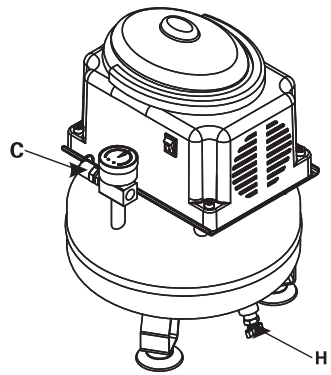
⚠WARNING:
To avoid personal injury, always shut off and unplug the unit and relieve all air pressure from the system before performing any service on the air compressor.

DRAINING THE TANK

1. Turn off the compressor.
2. Position a suitable container below the drain valve. Note: Because condensate is a pollutant, dispose of if in compliance with local regulations.
3. Fully open the drain valve (H).
4. Keep the compressor tilted until all moisture has been removed.
5. If the drain valve (H) is clogged, unplug the compressor and pull the safety valve (C) to remove all air pressure. Remove and clean the safety valve (C) and then reinstall it.
6. Completely close the drain valve (H).

NOTE: Because the condensation is a pollutant, dispose of it in compliance with local regulations.

⚠WARNING:
Failure to unplug the air compressor and depressurize the tank before removing the valve may cause serious personal injury.



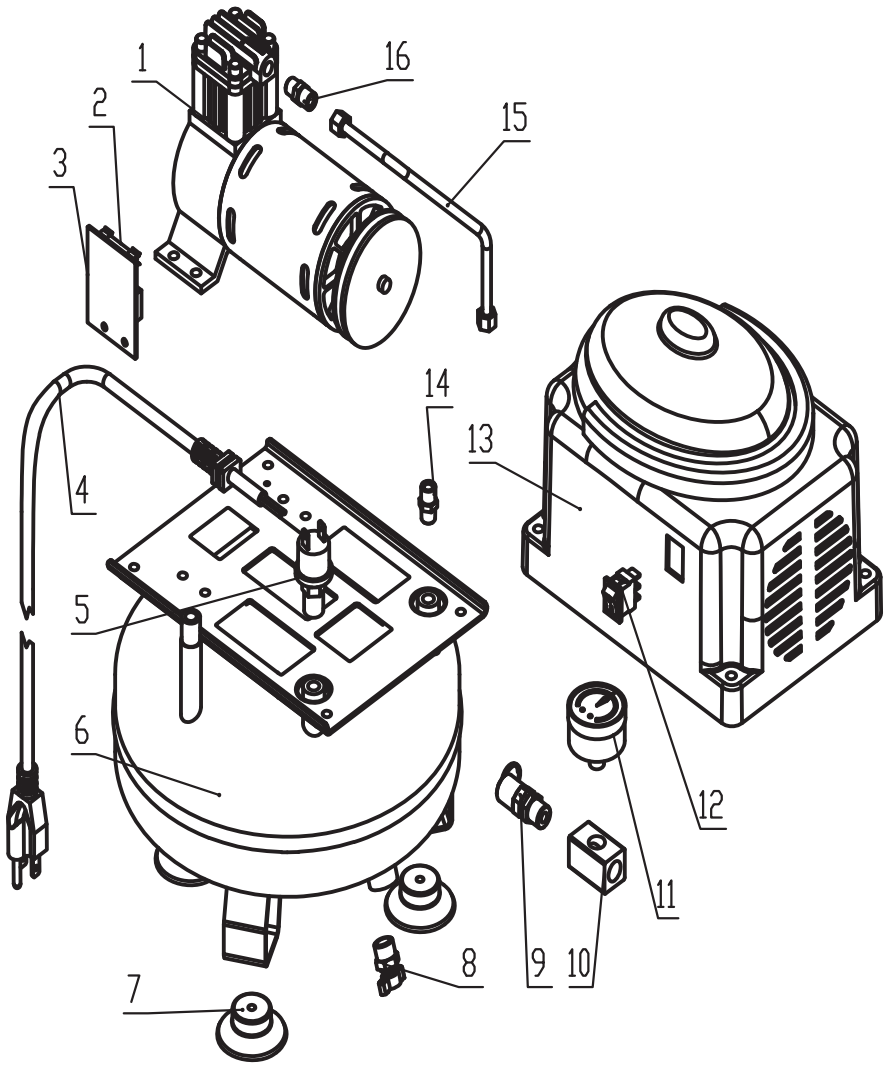
CHECKING THE SAFETY VALVE

1. Turn on the air compressor and wait for the tank to be filled. The compressor automatically shuts off when the pressure reaches 100 psi.
2. Turn off the air compressor.
3. Pull the ring on the safety valve (C) for 20 seconds to release the air.
4. Release the ring. Air stops escaping at approximately 30 – 40 PSI. If the safety valve dose not reset stop dispelling air between 40–110 PSI, discontinue use and seek service before using the air compressor again.

⚠ DANGER:
Do not tamper with the safety valve. Items loosened from this device could fly up and hit you. Failure to heed this warning could result in death or serious personal injury. The safety valve automatically release air when the receiver pressure exceeds the preset maximum. Check the valve before each day of use by pulling the ring by hand.

⚠WARNING:
If air leaks after releasing the safety valve ring or if the valve is stuck, do not use the air compressor until the safety valve has been replaced. Using the air compressor in this condition could result in serious personal injury.

PARTS LIST



No.	PARTS DESCRIPTION	QTY
1.	Pump head	1
2.	Fuse	1
3.	Circuit plate	1
4.	Power cord	1
5.	Pressure switch	1
6.	Air tank	1
7.	Rubber pad	3
8.	Drain valve	1
9.	Safety valve	1
10.	4 way connector	1
11.	Pressure gauge 40	1
12.	On-off switch	1
13.	Motor shroud	1
14.	Tank connector	1
15.	Discharge tube	1
16.	Pump connector	1

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Compressor will not run.	1.Loss of power or overheating. 2.No electrical power. 3.Blown shop/house fuse. 4.Shop/house breaker tripped. 5.Pressure switch bad. 6.Tank is full of air. 7.Overload protector tripped.	1.Check for proper use of extension cord. 2.Check to be sure unit is plugged in. 3.Check fuse/breaker or motor overload. 4.Reset shop/house breaker, determining why problem happened. 5.Take compressor to service center. 6.Compressor will turn on when tank pressure drops to cut–in. 7.Check voltage from the outlet. 8.Outside air or room temperature too high. 9.Extension cord too long or wrong gauge wire used.
Motor hums but does not run or runs slowly.	1.Low voltage. 2.Wrong gauge wire or length of extension cord. 3.Shorted or open motor winding. 4.Defective check valve or unloader.	1.Call an electrician or check with meter. 2.Check for proper gauge wire and cord length. 3.Take compressor to service center. 4.Take compressor to service center.
Fuses blow/circuit breaker trips repeatedly.	1.Incorrect size fuse, circuit overload. 2.Wrong gauge wire or length of. extension cord. 3.Defective check valve or unloader.	1.Check for proper fuse, use time–delay fuse, disconnect other electrical appliances from circuit or operate compressor on its own branch circuit. 2.Check for proper gauge wire and cord length. 3.Take compressor to service center.
Push button overload protector cuts out repeatedly.	1.Low voltage. 2.Lack of proper ventilation or room temperature is too high. 3.Wrong gauge wire length of extension cord.	1.Call an electrician or check with meter. 2.Move compressor to well–ventilated area. 3.Check for proper gauge wire and cord length.
Air receiver pressure drops when compressor shuts off.	1.Loose connections. (fittings, tubing, etc.) 2.Loose drain valve. 3.Check valve leaking.	1.Check all connections with soap and water solution and tighten. 2.Tighten drain valve. 3.Take compressor to service center.
Excessive moisture in discharge air.	1.Excessive water in air tank. 2.High humidity.	1.Drain tank. 2.Move to less humidity area, use air line filter.
Compressor runs continuously.	1.Defective pressure switch. 2.Excessive air usage.	1.Take compressor to service center. 2.Decrease air usage, compressor may not meet for tool's requirement.
Compressor vibrates.	1.Loosn mounting bolts.	1.Tighten mounting bolts.
Air output lower than normal.	1.Broken inlet valves. 2.Connections leaking.	1.Take compressor to service center. 2.Tighten connections.

WARRANTY

90 DAYS LIMITED WARRANTY

This warranty covers defects in workmanship or parts in this NUMAX air compressor for the one ninety (90) days period from the orginial date of purchase. This warranty is specific to this air compressor model. Warranties for other NUMAX products may vary.

This warranty applies only to the original retail purchaser and may not be transferred. This warranty does not cover normal wear and tear or any malfunction, failure or defect resulting from misuse, abuse, neglect, alteration, modification or repair by other than a service center authorized to repair NUMAX branded air compressor. Expendable parts, such as motor brushes, seals, etc. are not covered by this warranty. This warranty does not apply to this compressor used in industrial application or for rental purposes. NUMAX makes no warranties, representations or promises as to the quality or performance of its air compressors other than those specifically stated in this warranty.

ADDITIONAL LIMITATIONS

To the extent permitted by applicable law, all implied warranties, including warranties of merchantability or fitness for a particular purpose, are disclaimed. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, that can not be disclaimed under state law are limited to 90 days from the date of purchase. NUMAX is not responsible for direct, indirect, incidental, special or consequential damages. If this air compressor is used for commercial purposes, the warranty will apply for thirty (30) days from the original date of purchase. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.