

VOLCANO[®]

AIR ERUPT

PORTABLE AIR COMPRESSOR

230 VOLT

MODEL NO.: 747-390




CAUTION: Read Rules for Safe Operation and Instructions Carefully.

SAVE THIS MANUAL FOR FUTURE REFERENCE



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 **WARNING:** When using electric tools, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following.

Read all these instructions before attempting to operate this product and retain this instruction manual for future reference.

GENERAL SAFETY WARNINGS AND INSTRUCTIONS FOR ALL TOOLS

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
2. **CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Do not use tools in the presence of flammable liquids or gases. Motors in these tools normally spark, and the sparks might ignite fumes.
3. **GUARD AGAINST ELECTRIC SHOCK.** Avoid body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
4. **KEEP OTHER PERSONS AWAY.** Do not let persons, especially children, not involved in the work touch the tool or the extension cord and keep them away from the work area.
5. **STORE IDLE TOOLS.** When not in use, tools should be stored in a dry, locked-up place—out of reach of children.
6. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
7. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp

edges.

8. **MAINTAIN TOOLS WITH CARE.** Inspect tool cords periodically and if damaged have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
9. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
10. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
11. **DO NOT OVERREACH.** Keep proper footing and balance at all times.
12. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other parts that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches repaired by authorized service center. Do not use tool if switch does not turn it on and off.
13. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters, disconnect tools from the power supply.
14. **HAVE YOUR TOOL REPAIRED BY A QUALIFIED PERSON.** The electric tool complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

DESCRIPTION

This portable oil-less air compressor is for personal and home use only. The compressor is designed to operate on **AC 230V**. The unit delivers up to 14bar (200psi) and comes equipped with a pressure gauge and a full set of inflation nozzles. It can be used for inflating automobile, motorcycle, and bicycle tires, rubber boats, air mats, sports balls and most recreational inflatable equipment.

PRECAUTIONS ON USE:

1. Completely read the manual included with the product carefully. Be thoroughly familiar with the controls and the proper use of the unit. Only persons well acquainted with these rules of safe operation should be allowed to use the compressor.

WARNING: This compressor is equipped with an automatic reset thermal overload protector which will shut off motor if it becomes overheated. The protector will automatically reset when the motor cools down. However, to ensure safety, you should **turn off the switch or disconnect the plug** when the unit has reached the thermal overload point and cut off.

2. Never operate the compressor near fire, flammable gas or liquid.
3. There are no user-serviceable parts in this unit, and no lubrication is required. The unit has been fully sealed at the time of manufacture, and attempting to open it may cause leakage.
4. Operate compressor in a ventilated area so that compressor may be properly cooled. Provide sufficient cooling time for the compressor before storing.
5. All parts are lifetime-lubricated, no oiling is required.

6. The air discharge outlet part of compressor heats up during operation. Do not touch this part. Particularly, pay attention to prevent children from touching the compressor.
7. When not in use, turn the power switch off and disconnect the plug.
8. The unit should be used only in dry environment. Protect the unit from rain, snow or other sources of moisture.
9. To avoid loss of power and overheating, it is better to use additional air hose instead of extension cords to reach working area.
10. Never carry the air compressor by the hose.
11. Never “horseplay.” High pressure air is dangerous. Do not direct air-flow at yourself or others.
12. Inflate items only to their manufacturer’s recommendations or less. Do not leave air compressor running unattended. It could burst tires or other items.

MAINTENANCE AND SERVICING

WARNING: Turn **OFF** the switch and remove the plug before carrying out any adjustment, servicing or maintenance.

Do regular maintenance, use only mild soap and a rag dampened with hot water to clean the plastic parts. Avoid all other types of detergents, cleaner, or solvents, which might contain chemicals that could seriously damage the plastic. Keep all nuts, bolts, and screws tight, to be sure equipment is in safe working condition. All other services— except cleaning— should be performed by a qualified person.

CAUTION: The compressor is capable of delivering pressure up to **14bar**. To avoid over inflation, never exceed recommended pressure on articles to be inflated. Bursting articles can cause serious injury.

SPECIFICATIONS

Model Designation:	747-390
Weight:	2.9kg
Rated Voltage:	230V~, 50Hz
Rated Input:	156Watt
Max. Pressure:	14bar (200psi)
Air Flow:	21.5 L/Min(@2bar)
A-weighted Sound Pressure Level:	79.2dB(A)
(at the operator's ear measured with load)	

STANDARD FEATURES:

- Oil-Less Design
- Stainless Steel Valves
- Impact Resistant ABS Housing
- 3.0Amp. Built-In Fuse
- Heavy Duty Gear-Less Direct Drive Motor
- Automatic Reset Thermal Overload Protector
- Convenient and easy to read gauges

Disposal

Power tools, accessories and packaging should be sorted for environmental-friendly recycling.

Only for EC countries:



Do not dispose of power tools into household waste!

According to the European Directive 2002/96/EC on waste electrical and electronic equipment and its incorporation into national law, products that

are no longer suitable for use must be separately collected and sent for recovery in an environmentally-friendly manner.

TROUBLESHOOTING CHART:

Symptom	Possible Cause(s)	Corrective Action
Compressor will not run	<ol style="list-style-type: none"> 1. No power or switch in OFF position. 2. Blown fuse. 3. Motor overheated. 	<ol style="list-style-type: none"> 1. Make sure compressor is plugged in and switch is On. 2. Disconnect compressor from power source then replace fuse. 3. Let compressor cool off for about 15 minutes so thermal overload switch will reset.
Thermal Overload Protector cuts out repeatedly	<ol style="list-style-type: none"> 1. Lack of proper ventilation/ambient temp. too high. 2. Compressor valves failed. 	<ol style="list-style-type: none"> 1. Move compressor to well ventilated area, or area with lower ambient temp. 2. Replace compressor.
Knocks, rattles, excessive vibration	<ol style="list-style-type: none"> 1. Loose screws or bolts. 2. Defective bearing on eccentric or motor shaft. 3. Cylinder or piston ring is worn or scored. 	<ol style="list-style-type: none"> 1. Tighten screws or bolts. 2. Replace compressor. 3. Replace compressor.
Compressor runs continuously and air output is lower than normal/low discharge pressure	<ol style="list-style-type: none"> 1. Excessive air usage. 2. Loose connections. 3. Worn piston ring or inlet valve. 	<ol style="list-style-type: none"> 1. Decrease air usage. 2. Check all connections with soap and water solution and tighten. 3. Replace compressor.
Excessive moisture in discharge	<ol style="list-style-type: none"> 1. High humidity. 	<ol style="list-style-type: none"> 1. Move compressor to area with less humidity, or use air line filter.