



150L/Min Air Compressor CT150ARCPA Quick Start Guide

Important Safety Instructions

- Do not disassemble. Do not attempt repairs or modifications. Your warranty will be void if this instruction is ignored.
- Do not use this product in an area where it can fall or be pulled into water or other liquids.
- The base tray is fitted to place a barrier between the compressor and sandy or dusty ground, plus provide a stable operating platform, therefore keep the tray clean at all times during use.
- Use this compressor with 12V DC power only.
- This product should never be left unattended during use.
- This compressor becomes VERY hot during use and will remain so after use. Do not touch any part of this compressor with bare hands, other than the ON/OFF switch.
- Never allow children to operate the compressor. Close supervision is necessary when this compressor is being used near children or animals.
- Do not pump anything other than atmospheric air.
- Do not use any other tools or attachments without first determining the maximum air pressure for that tool or attachment.
- The air compressor is equipped with an automatic reset thermal protector and can automatically restart after the thermal protector resets. Always turn the power off when the thermal protector activates.
- Exercise extreme caution and never exceed 30kph when driving with deflated tyres.
- Never make sharp turns while driving with reduced tyre pressure, as you could break the bead between the wheel rim and the tyre.
- Re-inflate tyres to the manufacturers recommended tyre pressure before high speed travelling on roadways.

Fitting the Air Filter Unit

The air compressor comes originally packed without the air filter unit fitted.

1. Screw in the air filter unit and hand tighten. Do not use teflon tape or lubricants on the thread.
2. Snap off the top lid to check if the element is correctly in place.

General Operating Instructions

Please read and follow the operating instructions carefully to ensure you will get the best results and longest service life expected from the air compressor.

Important

- Always operate the compressor within its maximum pressure rating. Refer to the specifications section of this manual for details. Operations exceeding the maximum pressure rating will result in damage to the air compressor and void the warranty.
- Your compressor is equipped with an automatic thermal overload protector. This feature is designed to protect the air compressor from over-heating and causing permanent damage to the compressor. The thermal overload protector will automatically cut off power to the air compressor if internal operating temperatures rise above safe levels during use.

- Should the air compressor automatically shut down at any point during use, do not attempt to restart the air compressor. Turn off the power switch. The automatic thermal overload protector will automatically reset when the internal temperature drops down to a safe level. After allowing the air compressor to cool off for about 20 minutes, you can safely resume usage of the air compressor by turning on the power switch - your warranty will be void if this instruction is not followed.
- It is strongly recommended that you keep the vehicle engine running while using the battery to prevent discharge of your vehicle battery. The means you would ONLY OPERATE THE COMPRESSOR IN WELL VENTILATED AREAS. Compressor performance is also enhanced when operating with the vehicle engine running.
- Please note that you may experience a slight delay (about 30 seconds) to the compressor motor starting when the compressor is pressurised (i.e. when there is back pressure in the line). This is a normal delayed reaction, not a compressor ON/OFF switch malfunction.

Maintenance

- The air filter housing has a snap-off lid to gain access to the replaceable air filter element inside. The compressor performance will be greatly lowered by a clogged filter element. Old elements should be replaced before performance is affected.
- Your air compressor is equipped with a permanently lubricated maintenance free motor. Never try to lubricate the compressor.
- Regularly clean dust and dirt from the compressor cooling fins and motor housing.

Tyre Inflation Operating Instructions

Before attaching the air compressor power cord to the 12 volt DC power source, check to make sure that the power switch is in the off position. Attach the red battery clamp to the positive terminal of the battery and the black battery clamp to the negative terminal of the battery, ensuring you have made a good connection. Always keep your vehicle engine running while operating the compressor to avoid draining the vehicle battery.

Always make sure that the portable compressor's 4 metre power cord is uncoiled and fully extended to avoid overheating of the power cord.

The air compressor comes with a heavy duty, heat resistant coiled air hose with a quick connect air outlet fitting. Simply snap on the coil house and you are ready to inflate tyres.

Tyre Inflation

1. Attach the quick connect coupler to the air compressor.
2. Screw the brass connector onto the tyre valve system.
3. Turn the compressor switch on to begin inflation.
4. While the compressor is running, the gauge always reads the air line pressure, not the tyre pressure. For an accurate tyre pressure reading, momentarily stop inflation by turning the compressor off and allowing the air line pressure to equalise with the tyre pressure. While the compressor is turned off, the gauge will give an accurate tyre pressure reading.
5. Turn the compressor off and disconnect when the correct tyre pressure has been reached.

In-Line Pressure Gauge

The 50mm in-line gauge provides convenient monitoring of tyre pressure while inflating. This eliminates the switching back and forth between a hand-held pressure gauge and the compressor.

Please note that during inflation, due to the air velocity, the pressure gauge cannot provide an accurate reading. Momentarily stop inflation to obtain accurate pressure readings.

Product Specifications

Power	DC 12V
Gauge	150psi
Current	45A
Max Pressure	150psi
Duty Cycle Time	30mins @ 40psi @ 24°C
Power	540W
Air Flow	150L/min
Hose	10MPA
Dimensions	345 x 140 x 190mm

Troubleshooting

Problem	Possible Causes	Possible Corrective Action
Compressor will not run.	No power coming from the 12V source.	Make sure the compressor switch is on.
	Power switch is in the off position.	Make sure the compressor switch is on.
	Blown fuse.	Disconnect compressor from power source, then replace fuse - 50 amps.
	Motor overheated.	Let compressor cool down for about 30 minutes so the thermal protection switch can reset.
Thermal overload protection cuts out repeatedly.	Lack of proper ventilation/ambient temperature is too high.	Move the compressor to a well ventilated area, or an area with a lower ambient temperature.
	Compressor valves failed.	Replace compressor.
Excessive knocking or rattling.	Worn bearing on the eccentric or motor shaft.	Replace compressor.
	Cylinder or piston ring is worn.	Replace compressor.
Compressor air flow is lower than normal, or cannot pump to higher pressures.	Worn piston ring or inlet valves.	Replace compressor.

If you have any questions or issues with the compressor, please contact the Kogan customer support team for more information.