



180L/Min Air Compressor CT180ARCPA 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.

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.
- Always observe the maximum duty cycle of the air compressor. Exceeding the maximum duty cycle will result in damage to the compressor.
- 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.

Operating Instructions

Tyre Inflation and Deflation

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 5 metre power cord is uncoiled and fully extended to avoid overheating of the power cord.

Your air compressor is moisture and dust resistant. The air compressor is equipped with a sand tray that will allow you to place the air compressor on soft sand during use. Never expose the compressor to water while running.

Make sure the air compressor is sitting upright while operating. Do not operate if the air compressor is not sitting up. Avoid tugging on the air compressor or the cord. Lift the air compressor up and carry it to the side of the vehicle where the tyres you are inflating are situated.

Operation Instructions

The air compressor comes with heavy heat resistant hose with a quick connection stud, while the deflater comes with an extension coil hose quick coupler. Simply attach this multi-function extension hose coil to the leader hose and you are ready to inflate tyres.

This in-line deflater/inflater hose can be used for both pumping air and deflating tyres. Please familiarise yourself with the following information regarding the different functions available.

Tyre Inflation

1. Attach the quick connect coupler to the Air Compressor.
2. Screw the tyre chuck onto the tyre valve system.
3. Check to ensure the deflater collar lock is disengaged.
4. Turn the air compressor switch on to begin inflation. When the desired pressure is reached, turn the air compressor off.

Hands Free Continuous Air Release

1. Screw the tyre chuck onto the tyre valve system.
2. Push the deflater collar toward the tyre valve system and turn the deflater collar clockwise to engage the lock.
3. When the desired pressure is reached, turn the deflater collar counter-clockwise to disengage the lock.

Intermittent Deflation

1. The intermittent deflation function offers fast pressure adjustments.
2. With the chuck attached to the tyre valve system, push the deflater collar towards the tyre valve system to decrease tyre pressure.
3. Press the deflater collar to halt deflation.

In-line Pressure Gauge

The two inch in-line pressure gauge provides convenient tyre pressure monitoring when inflating or deflating. This eliminates the need to switch back and forth between the tyre chuck and a separate pressure gauge.

Specifications

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| Power | 12VDC |
| Gauge | 150 psi |
| Current | 45A |
| Max Pressure | 150 psi |
| Power | 540W |
| Max Air Flow | 180L per minute |
| Hose | 10M PA Hose |
| Duty Cycle Time | 25 mins @ 40psi @ 24°C |
| Dimensions | 365 x 235 x 150mm |

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