

SAFETY INFORMATION

WARNING!!!

You are completely responsible for your own safety and the safety of those with you. Oasis Mfg. will not be responsible and will not assume any liability for indirect, incidental, or consequential loss, damage, injury, expense or inconvenience to property or persons as a result of use or misuse of this product.

Compressor and motor surfaces become extremely hot during use! **To avoid serious burns, do not touch** any part of this equipment, with bare hands **during or for up to 30 minutes immediately following operation**

1. Only persons who have read and understand these instructions should be allowed to use this compressor.
2. **The air produced by this compressor is not fit for human or animal consumption and it must not be used to provide a breathing air supply.**
3. Do not operate compressor with any damaged hose(s) or after the compressor or attachments have been dropped or damaged.
4. Never use while sleepy or drowsy.
5. Do not use near flames.
6. Do not pump anything but air.
7. Never point any air nozzle at any person or animal. Serious injury may result.
8. Under no circumstances ever rely on a safety valve alone to protect this compressor in place of a pressure switch.
9. Never operate near a flammable gas or liquid. Never store flammable liquids or gasses in the vicinity of the compressor.
10. Keep this equipment's exterior clean and free of oil, solvent and grease to reduce fire hazard.
11. Release all pressure from the system before attempting to install or perform maintenance to the system (tank, air lines, etc.).
12. Be sure any tools or attachments are compatible with the pressure and flow rate of this equipment.
13. Check all fasteners at frequent intervals for proper tightness and cleanliness.
14. Do not attempt to disassemble, modify or repair this equipment.

INSTALLATION

Mounting location should be:

Vertical – The intake and output fittings must be located on top of the compressor for proper lubrication.

Dry – Avoid mounting in a location that may become submerged if possible. **The air intake filter must be mounted in a dry location.** Use a section of 5/8" heater hose to remotely mount it if necessary.

Cool and well ventilated – This will allow the compressor to run for longer periods.

Away from combustible/meltable materials – Compressor gets extremely hot during operation.



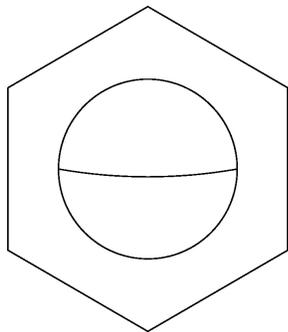
YC4000 Air Compressor

Owner's Manual

Warning!!!

Warranty is void if unit is disassembled or operated without proper lubrication!

1. Temporarily position the compressor in the mounting location to ensure fit and adequate clearance. Be sure location is sturdy enough to support compressor properly.
2. Drill four holes in the mounting surface to line up with the four holes in the bottom of the compressor, and mount using four 3/8"-16 cap screws or studs on the bottom of the compressor.
3. Install an air filter or fitting for a filtered intake line into the suction port, and an air hose or air line fitting into discharge port. Use heat resistant hose or tubing. **Warning: Do not tighten fittings to more than 20 ft/lbs (finger tight plus no more than one full turn). Doing so may crack the head! Do not use Teflon tape! Pieces of tape can get sucked into the compressor valves.** We recommend the use of Loctite #567 high temp pipe thread sealant.
4. Use a clutch with a properly tapered bore to drive the compressor. Ensure the clutch is sized for proper RPM. For continuous duty applications do not exceed 2000 rpm.
5. Use a pressure switch to control the clutch and shut the compressor off at 200psi or less. Read item #9 under SAFETY INFORMATION!
6. For installations involving tanks, some applications may require the use of a one way check valve at the output of the compressor to prevent air flow back into the compressor.
7. Some oil vapor discharge during operation is normal. If an application requires oil free air delivery, a coalescing air line filter may be required to separate oil mist and moisture out of the air line. The filter must be rated at least 175 deg. and should be located at the output of the tank.
8. Compressor is shipped with oil. Check oil sight glass after compressor has been sitting level for at least one hour. If oil level is not visible within a few minutes, add oil until it is visible in window. Use a full synthetic, SAE 30 (ISO 100) weight air compressor oil.



Oil Sight Glass with proper oil level

If you are unsure about any part of installation or operation, contact the manufacturer for clarification.

OPERATING NOTE

All air compressors generate heat. Excessive heat build up will destroy this product very quickly, and **will void warranty**. Factors that affect temperature generation at the head are operating RPM and pressure. The faster the pump is run, and/or the higher the pressure it is operated at, the more heat will be generated. Ducted air flow aimed directly at the head will help manage heat build up. **Do not allow head temperatures to exceed 350 degrees F**. If in doubt about the suitability of this product for a particular application, run a qualification test before placing the compressor in service.

MAINTENANCE

Check oil level after every 50 hours of operation. If no oil is visible in window, remove oil plug from side of compressor and add oil until visible in window. Use a full synthetic, SAE 30 (ISO 100) weight air compressor oil.

Ensure air intake filter is clean at all times.

LIMITED WARRANTY:

This product is warranted against defects in workmanship or materials for the period of one year from the date of purchase by the original owner.

What is not covered under this Warranty:

1. Merchantability and fitness for a particular purpose.
2. Any indirect, incidental or consequential loss, damage or expense that may result from any defect, failure or malfunction of this product.
3. Failures that result from accident, abuse, neglect, lack of maintenance, attempts to disassemble or repair, or failure to operate in accordance with instructions.
4. Items or service required to maintain the product: i.e. lubricants and filters.

Warning: Warranty is void if unit is disassembled or operated without proper lubrication!

Oasis Mfg. will replace or repair at its option, products or components which have failed during the warranty period due to defects in workmanship or materials.

Purchaser is responsible to deliver product to Oasis Mfg. at purchaser's own expense, via traceable carrier, package insured.

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