



CHEF RUBBER

inspiring the senses

RUBBAIRE PRO

1/2 HP COMPRESSOR

Instruction & Maintenance



Thank you and congratulations on your purchase of the Chef Rubber **RubbAire** air compressor.

This is a quality-built, highly efficient compressor, which, if properly used and maintained, will perform to your full satisfaction for many years to come.

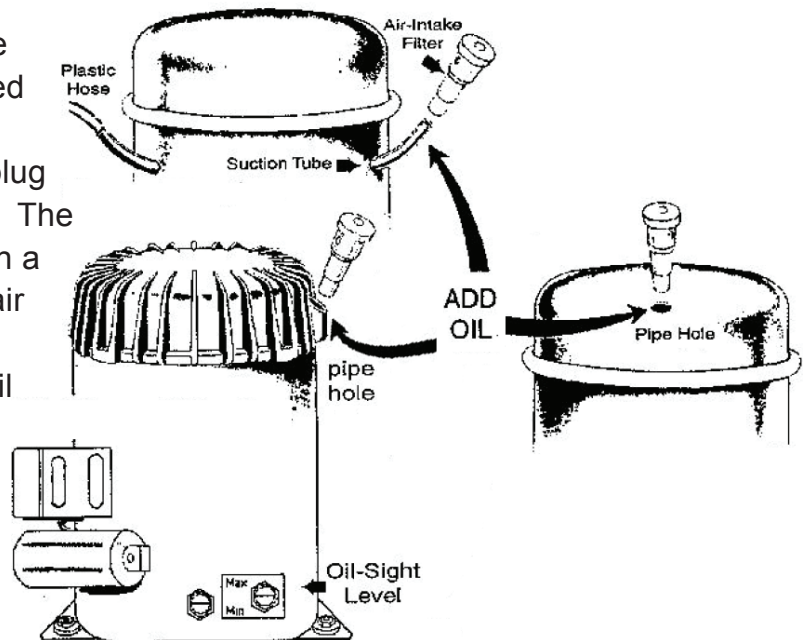
Chef Rubber **RubbAire** air compressors are virtually soundless and are totally automatic. Each unit includes a tank pressure gauge, line pressure gauge, line pressure regulator, moisture trap/filter, safety valve, air-intake filter and a handle for balanced carrying.

Please follow the instructions carefully to guarantee trouble-free operation.

PRE-OPERATING INSTRUCTIONS

Remove your RubbAire compressor from the packaging. Read all of the literature enclosed and inspect the unit for possible shipping damages. Then remove the white shipping plug from the hole in the top section of the pump. The Air-Intake Filter and the oil bottle spout are in a plastic bag hanging from the braided metal air hose coming out of the side of the pump. Attach the spout to the oil bottle. Pour the oil into the open hole. Stop when the oil level reaches the middle of the oil sight glass, which is located on the side of the pump. Then place the Air-Intake filter into the open hole (See illustration). Connect desired air hose and selected tooling to the threaded port on the Filter Regulator marked "OUT".

See reverse for more instructions.





Step 1

- **NOTE: MAKE SURE COMPRESSOR IS OFF!**
- Locate the small bolts (bolts 1, 2, 3, and 4) on the front and rear of the compressor.

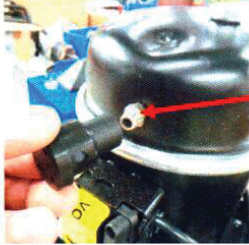
Step 2

- Remove the red cap from the motor and take out the intake filter located inside the bag.



Step 3

- Screw the intake filter from the bag onto the nipple.



Step 4

- Unscrew the oil cap located on the top of the motor and fill with 18 oz of compressor oil (about ¾ of the bottle).
- **To avoid an over fill, slowly fill the oil.**
NOTE: FILL OIL LEVEL INDICATOR HALF WAY (located on side of compressor).
- **When finished filling, screw the plug back on and reinstall the compressor cover.**



MAINTENANCE

AIR INTAKE FILTER: The air intake filter must be kept clean to permit easy airflow into the compressor. Filters that have become dirty, oily, or clogged can be cleaned thoroughly in a detergent soap and water solution or replaced. Cleaning or replacing the Air Intake Filter, under normal operating conditions is necessary every 3 to 6 months. Never operate the compressor without an Air Intake Filter in place.

MOISTURE TRAP: If used properly, the moisture trap (which is built into the Filter/Regulator) will trap moisture and dirt particles before releasing air into the line. Periodic checks for moisture and traces of oil should be done on a routine basis by looking through the clear bowl attached to the underside of the Filter/Regulator. When moisture and/or oil traces are detected, they can be removed by pressing up the valve core, which is located at the bottom of the bowl. The air pressure will blow the moisture and oil trace out through the valve core. Should it become necessary to remove the clear bowl for cleaning.

CAUTION should be taken that there is no air pressure in the bowl at the time it is unscrewed.

OIL LEVEL: Periodically check the oil level at the oil sight glass. Should the level drop towards the lower edge of the glass, add the necessary quantity to bring the level up to the middle of the oil sight glass. (See illustration in Pre-Operating Instructions). It is strongly recommended to change the oil after every 150 hours of operation or when the oil is discolored. To change the oil, remove the air intake filter and tilt the unit until all oil has drained.

PRESSURE TANK: The air tank should be checked for water daily. Unplug the unit and release all air in the storage tank by opening the drain plug on the lower side of the pressure tank. Tilt the unit towards the plug to allow water to drain. The air hose and other accessories should also be drained on a regular basis.

NOTICE: The oil supplied with your compressor is a highly researched synthetic grade oil. Do not mix or substitute the oil in your compressor with other available brands. Use of oil not specified by the manufacturer will result in compressor breakdown and void the limited warranty.

COMPRESSOR SAFETY TIPS

- Carefully inspect the hoses, fittings and overall appearance before each use.
- Always operate the compressor on a level surface.
- Periodically check the oil level at the oil sight glass.
- Use only properly grounded outlet that will accept 3 pronged plugs. Do not operate the compressor with a damaged cord.
- Keep the compressor free of dust, dirt, and paint. This will prolong Air Intake operation and prevent clogging for Safety Relief Valve.
- Use only recommended air handling tools and attachments that are acceptable for pressures rated for this company.
- Adjust the pressure regulator according to your compressor with other available brands. Any attempt to use oil differently from that specified by the manufacturer will result in compressor breakdown and void the Limited Warranty.
- Do not direct the air stream at your body.
- To reduce the risk of ELECTRIC SHOCK, do not expose the unit to rain or water while in use.
- Never attempt to service the compressor while it is plugged into an electrical outlet.
- Avoid direct contact with surface while operating – high temperatures may be present.
- Use only factory authorized parts.
- Always store your compressor in a clean and dry environment when not in use. Make sure all air pressure has been released from the system.

WARNING:

ANY ATTEMPT TO SERVICE YOUR COMPRESSOR BY REMOVING THE COMPRESSOR SHELL OR TERMINAL BOX COVER, TAMPERING WITH THE PRESSURE SWITCH SETTING AND/OR GROUNDING PLUG WILL VOID THE LIMITED WARRANTY, AND MAY MAKE THE COMPRESSOR UNSAFE TO USE.

OPERATING INSTRUCTIONS

1. Make sure the Air-Intake Filter has been installed (See Pre-Operating Instructions).
2. Make sure that the automatic ON/OFF Pressure Switch is in the OFF position (turned fully counter-clockwise).
3. Plug the cord into 110 Volt Grounded outlets. Unit should be grounded because in the event of an electrical short, grounding reduces the risk of electric shock. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances. If it is necessary to use an extension cord, DO NOT USE common household cords. Use a HEAVY-DUTY extension cord. Not using a HEAVY-DUTY extension cord will cause loss of power to the compressor, and possibly damage the electrical components. NOTICE: TAMPERING WITH THE POWER CORD OR GROUNDING TERMINAL WILL VOID WARRANTY
4. Turn the automatic ON/OFF Pressure Switch to the "ON" position by turning the knob clockwise until it stops. This pressure switch has been set to automatically start and stop at the correct PSI levels. Leave it in the "ON" position until you need to turn off your compressor. To do this, simply turn the knob down counter clockwise. If the electrical power is interrupted while the compressor is in operation and it fails to restart after the power comes back on, turn the knob to the "OFF" position. This will release any pressure in the line and enable the compressor to restart.
5. After the compressor has run for a complete cycle and shuts off, the Pressure Regulator can then be adjusted to your desired setting. Simply lift the knob until it unlocks, and then turn it clockwise to increase the pressure, or counter clockwise to reduce it. Watch the pressure gauge close to the regulator to measure the pressure needed. **NOTICE:** A standard feature on your compressor is the Safety Relief Valve. The Valve opens automatically if the tank pressure goes beyond a safe level. **DO NOT ATTEMPT TO ADJUST OR REMOVE THIS DEVICE.**

TROUBLE SHOOTING GUIDE

TROUBLE	CAUSE	REMEDY
Compressor will not run	No Power	Check outlet voltage, fuse and circuit breakers
	Bad cord connection for incorrect extension cord	Check cord connection for visible damage- if using an extension cord, make sure it is UL approved, and it's heavy duty and grounded
	Holding tank is fully pressurized	Use your equipment to lower pressure in tank
	Thermal overload protection has tripped	Wait 15 minutes and try starting again – if this was the cause, make sure compressor is in well ventilated area: check installation leaks; set the regulator's pressure minimum required for your equipment
Compressor runs but will not supply air	Air pressure regulator not set properly	Reset Air-Regulator to pressure required by your equipment
	Air-Intake Filter clogged or not installed	Clean Air-Intake Filter or replace
	Extensive leak	Install Air-Intake Filter on suction tube or hole (see machine set-up); check all fittings, connections and equipment, close your pressure regulator all the way (counterclockwise) – if pressure in tank builds up, leak is in your installation
Rattling noise during operation	Compressor motor touching shell	Operate on level surface – check oil level and adjust if it's necessary
Milky oil in compressor	Oil has been contaminated with moisture or other foreign matter	Change oil – Oil needs to be changed every 150 hours
Air-Tank not holding pressure when compressor is not running	Faulty check valve	Disconnect pressure hose at pump and check for leaking back into pump – Clean or replace the check valve – Spray all connections and manifold with soap solution and reseal or replace leaking parts
No air pressure shown on regulator gauge	No equipment connected to compressor	Connect equipment
	Regulator has not been adjusted	Lift knob and turn clockwise until gauge shows required pressure – Gauge should be set at minimum level required by your equipment
Compressor operates very hot	Oil level is incorrect	Fill unit with oil unit MID level. Make sure compressor is well ventilated area.
	Non-Ventilated Area	Ventilate working area
	Undersized model	Duty cycle of compressor should not exceed 50% - if pump is on for 1 minute it should stay off 1 minute
	Leaks in installation	Make sure no leaks are present. The setting on the pressure regulator must be at your equipment minimum level.

RUBBAIRE PARTS LIST

