

Almore Pressure Pot - Care and Maintenance

Introduction

The base pressure cooker that is used to manufacture Almore's Pressure Pot (the bottom and the lid) is made of aluminum. Please refer to the best practices noted below to maximize the useful life of your pressure pot.

Aluminum is a (relatively) soft metal

- Banging, knocking or otherwise handling the pressure pot in a rough manner can cause it to get out of round. If this happens it can be difficult to install or remove the lid. Handle your pressure pot with care.
- When installing the lid, press down gently but firmly on the left and right sides of the lid to ensure the lid is aligned properly onto the top of the unit. Ensure that the lid is not tilting at even the slightest of angles. Once fully compressed and horizontally aligned, you can then rotate the lid into the closed position and begin your operation.



Gasket inside the lid

- Never put additives (petroleum jelly, etc.) onto the gasket. Over time, additives can break down the gasket and cause it to lose its shape. This can lead to air leaks around the gasket during operations.
- Periodically the gasket should be removed and cleaned with water. Run your fingers around the inside and outside circumference of the gasket when submerged in water. This helps to eliminate particles and/or residue on the surface of the gasket that may cause leaks when you run your operations.

Minimizing surface degradation

- Ensure the pressure pot is emptied when not in use. Standing water over extended periods of time can lead to corrosion and pitting (depending on the pH of the water you use). It is best to remove liquids from the unit when not in use and wipe the inside of the pressure pot with a clean, dry cloth.
- If the water used in the unit has a **high pH** or a **low pH**, over an extended period of time it can affect the lining of the aluminum and cause pitting. It is highly recommended that the water used in the unit has a **neutral pH**. If tap water in your area does not have a neutral pH, it is recommended to use distilled water for your operations.
- Periodically clean the inside of the pressure pot with a mild household or laboratory detergent using a sponge or soft cloth. Scouring powders, steel wool or other abrasive pads should be avoided.

OPERATING and GENERAL SAFETY INSTRUCTIONS

8 Quart Pressure Pot

GENERAL SAFETY INSTRUCTIONS

- Do not attempt to pressurize the pot with more than 25 lbs.
- Do not in any way modify or alter any of the pot's safety pressure releases in order to pressurize more than 25 lbs.
- Do not attempt to open the pressure pot while pot is pressurized.

OPERATION

1. **HEATING OF PRESSURE POT:** Fill pressure pot with approximately 2 quarts of water and plug pot into electrical socket. Push power switch to "ON" position (switch will illuminate). Set dial located in front of pressure pot at "12 o'clock" position. Pot will heat to approximately 100 degrees. Adjust dial as needed to achieve desired temperature (120 degrees is most commonly used). Note: pressurizing unit increases temperature.

TO PROCESS TALON® AND REVERE® APPLIANCES

- Do not cover the hydrocolloid flask with water
- Use 20 lbs. Air pressure
- Use 155°F water temperature for a period of 2 hours.

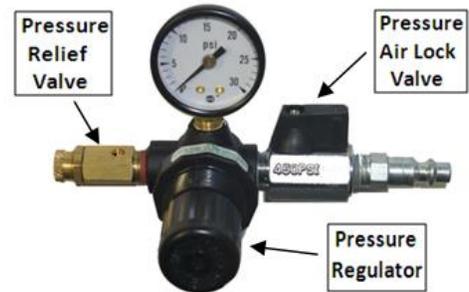


FIGURE 1

2. **INITIAL PRESSURIZING OF POT:** Lid of pressure pot must be securely locked into position before being pressurized. Each pot is preset to operate at approximately 20 lbs.
 - Make sure that the Pressure Air Lock valve is in OPEN position (as shown in FIG. 1 above).
 - Attach air supply hose to air regulator coupler with quick disconnect.
 - Pot will automatically regulate at preset pressure of approximately 20 lbs.
 - If air supply hose is to be removed after pressurizing, turn pressure air lock valve 90° clockwise to close valve and then remove air supply hose. Note: if air hose is removed, pressure in pot may 'settle' a few pounds. Experiment with initial pressurization to reach desired pressure for operation without air hose.
3. **ADJUSTING PRESSURE:** Lid of pressure pot must be securely locked into position before being pressurized. Each pot is preset to operate at approximately 20 lbs.
 - Make sure that the Pressure Air Lock valve is in OPEN position (as shown in FIG. 1). Remove air supply hose to release all pressure from pot.
 - Pull Pressure Regulator black knob outward (towards you) to unlock pressure regulator (see FIG. 1 above).
 - Turn knob counterclockwise until it stops.
 - Connect air hose to pot. The pot should **NOT** be filling with air at this time.
 - Slowly turn black knob clockwise until pot begins to pressurize. When pot reaches desired pressure, push black knob inward to lock into position. Note: if air hose is removed, pressure in pot may 'settle' a few pounds. Experiment with initial pressurization to reach desired pressure for operation without air hose.



SAFETY RELEASE VALVES ARE DESIGNED TO GO OFF IF PRESSURE EXCEEDS 25 LBS. THE RELEASE VALVES ARE FOR YOUR PROTECTION AND THE PROTECTION OF OTHERS.

LIMITED WARRANTY

***** Pressure Pot Care & Maintenance on Reverse Side *****

This product, from Almore International, is warranted to the original purchaser for a period of one year against defect in workmanship and 90 days against defects on parts resulting from normal use. Products must be used in accordance with Almore International Inc. Operating and General Safety Instructions. Users are responsible for the suitability of the products to their application. There is no warranty against damage resulting from corrosion, misapplication, abuse, accident or other operating conditions beyond our control. Unauthorized repair of the unit will void all warranties. Claims against carriers for damage of product in transit must be filed by the buyer. Return authorization is required prior to returning product. Please call Almore International Inc. at (800) 547-1511.