

## Assembly Instructions & User's Manual

## **Deluxe Single-Sack Crawfish Boiler**

160106





- This instruction manual contains important information necessary for the proper assembly and safe use of the appliance.
- Read and follow all warnings and instructions before assembling and using the appliance.
- Follow all warnings and instructions when using the appliance.
- Keep this manual for future reference.

### Please keep this instruction manual for future reference

Customer Service: (888) 922-2336 7:00 am to 12:00 Central Standard Time (daily) Live Chat at: www.academy.com Email: customerservice@academy.com (Made in China)

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Note: Before beginning assembly of product, make sure all parts are present. Compare parts with package content list and hardware contents. If any part is missing or damaged do not attempt to assemble the unit. Contact customer service for replacement parts.

### THIS APPLIANCE IS NOT FOR FRYING TURKEYS. DO NOT USE WITH OIL. THIS COOKER IS FOR OUTDOOR USE ONLY SAFETY SYMBOLS:

When using this appliance, basic safety precautions should always be observed. Read and understand the meaning of these symbols before assembling and using this

appliance.

### **ADANGER**

Indicates a hazardous situation, which if not avoided, will result in death or serious injury.

### AWARNING

Be alert to the possibility of serious personal injury if the instructions are not followed.

### **ACAUTION**

Indicates a potentially hazardous situation, which if not avoided, could result in moderate injury.

### **A** CAUTION

The instruction manual contains important information necessary for the proper assembly and safe use of the appliance. Read and follow all warnings and instructions before assembling and using the appliance. Follow all warnings and instructions when using the appliance. Keep this Manual for future reference. Contact 1-888-922-2336 should you need assembly assistance or have questions.

### A DANGER

•NEVER operate this appliance unattended.

•NEVER operate this appliance within 10 ft (3.0 m) of any structure, combustible material or other gas cylinder.

•NEVER operate this appliance within 25 ft (7.6 m) of any flammable liquid.

•DO NOT fill cooking vessel beyond maximum fill line.

•THIS APPLIANCE IS INTENDED FOR USE WITH WATER ONLY.

•Heated liquids remain at scalding hot temperatures long after the cooking process. Never touch

cooking appliance until liquids have cooled to 115°F (46°C) or less.

•If a fire should occur, keep away from the appliance and immediately call your Fire Department. Do not attempt to extinguish grease fire with water. When cooking, have a Type BC or ABC fire extinguisher readily available. A Type BC or ABC fire extinguisher may, in some circumstances, contain the fire.

Failure to follow these instructions could result in fire or explosion which could cause property damage, personal injury or death.

### ▲ DANGER

If you smell gas:

•Shut off gas to the appliance.

•Extinguish any open flame.

•If odor continues, keep away from the appliance and immediately call your fire department.

Failure to follow these instructions could result in fire or explosion which could cause property damage, personal injury or death.

- **1.** Never leave the appliance unattended. Keep children and pets away from the appliance at all times.
- 2. The use of alcohol, prescription or non-prescription drugs may impair the consumer's ability to properly assemble or safely operate the appliance.
- 3. This appliance shall not be used on or in any apartment or condominium balcony or deck.
- 4. This appliance is for OUTDOOR USE ONLY. DO NOT use in building, garage or any other enclosed area.
- 5. This appliance is not intended to be installed in or on a boat. This appliance is not intended to be installed in or on recreational vehicles.
- 6. This appliance is not intended for and should never be used as a heater.
- 7. When cooking, the boiler must be on a level, stable noncombustible surface in an area clear of combustible material. Asphalt surface (blacktop) may not be acceptable for this purpose.
- 8. Keep the fuel supply hose away from any heated surface.
- 9. Do not place an empty cooking vessel on the appliance while in operation. Placing an empty cooking vessel on the appliance while in operation will result in melting the cooking vessel. Use caution when placing anything in cooking vessel while the appliance is in operation.
- 10. Do not move the appliance when in use. Allow the cooking vessel to cool to 115°F (46°C) before moving or storing.
- 11. Do not leave the appliance unattended, keep children and pets away from the appliance at all times.
- 12. For boilers, the appliance is only intended for heating water.
- 13. This appliance will be hot during and after use. Use insulated oven mitts or gloves for protection from hot surfaces or splatter from cooking liquids.
- 14. When using the Crawfish Cooker, please keep in mind that it is important to never fill the Cooker over the marked "Max Fill" line. The water max fill line according to the max fill line inside of the boiler.

### Installation Safety Precautions.

- Use appliance only with LP (liquid propane) gas and the regulator/valve assembly supplied.
- Installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54, Storage and Handling of Liquefied Petroleum Gases, ANSI/NFPA 58; or Natural Gas and Propane Installation Code, CSA B1 49.1.Propane Storage and Handling, CSA B149.2.
- This appliance shall be used only outdoors, and shall not be used in a building, garage or any other enclosed area.
- Keep appliance at least 10 ft (3m) from any combustible materials on the sides and back of appliance, and the appliance must not be located under overhead unprotected combustible construction. Never use under beloaning made of wood or ANX everhead on



balconies made of wood or ANY overhead construction.

- Keep the fuel supply hose away from any heated surfaces.
- Before opening LP tank valve, check the coupling nut for tightness. When appliance is not in use, turn off control knob and LP tank valve.
- Never move appliance while in operation or still hot.
- If you notice grease or other hot material dripping from appliance onto valve, hose or regulator, turn off gas supply at once. Determine the cause, correct, clean and inspect valve, hose and regulator before continuing. Perform a leak test.
- The regulator may make a humming or whistling noise during operation. This will not affect safety or use of appliance.
- Clean and inspect the regulator and hose assembly each time you use the appliance. If there is evidence of abrasion, wear, cuts or leaks, the regulator and hose assembly must be replaced prior to the appliance being put into operation.
- For appliances designed to use a CGA No. 791 connection:
- Place dust cap on cylinder valve outlet whenever the cylinder is not in use.
- Only install the type of dust cap on the cylinder valve outlet that is provided with the cylinder valve.
- Other types of caps or plugs may result in leakage of propane.

### LP (Liquefied Petroleum Gas)

- LP gas is non toxic, odorless and colorless when produced. For your safety, LP gas has been given an odor (similar to rotten eggs) so that it can be smelled.
- LP gas is highly flammable and may ignite unexpectedly when mixed with air.

### LP Tank Filling

- Use only licensed and experienced dealers.
- LP dealer must purge tanks before filling.
- Dealer should NEVER fill LP tank more than 80% of LP tank volume. Volume of propane in tanks will vary by temperature.
- A frosted-covered regulator indicates gas overfill. Immediately close LP tank valve and call LP gas dealer for assistance.
- Do not release liquid propane (LP) gas into the atmosphere. This is a hazardous practice. •
- To remove gas from LP tank, contact an LP dealer or call a local FIRE DEPARTMENT for assistance. Check the telephone directory under "GAS Companies" for nearest certified LP dealers.

### LP Tank Exchange

- Many retailers that sell appliances offer you the option of replacing your empty LP tanks through an exchange service, use only those reputable exchange companies that inspect, precision fill, test and certify their cylinders. Exchange your tank only for an OPD safety feature-equipped tanks as described in the "LP tank" section of this manual.
- Always keep new and exchanged LP tanks in upright position during use, transit or storage.
- Leak test new and exchanged LP tanks BEFORE connecting to appliance.

#### LP Tank Leak Test

For your safety

- Leak test must be repeated each time LP tank is exchanged or refilled. •
- Do not smoke during leak test.
- Do not use an open flame to check for the gas leaks. •
- LP tank must be leak checked outdoors in well-ventilated area, away from open flames or sparks.

#### Use a clean paint brush and 50/50 soap and water solution.

Use mild soap and water. Do not use household cleaning agents. Damage to gas train components can result. Brush soapy solution onto all metal seams and entire valve area.

## DANGER

#### **Connecting Regulator to the LP Tank**

- 1. Place LP tank on a secure. level. and stable surface.
- 2. Turn control knob to the OFF position.
- 3. Turn LP tank OFF by turning hand wheel clockwise to a full stop.
- 4. Remove the protective cap from the LP tank valve. Always use dust cap and strap supplied with valve.



Do not use a POL transport plug(A) (plastic part with external threads)! It will defeat the safety feature of the valve

- 5. Hold regulator, insert nipple (B) into LP tank valve. Hand tighten coupling nut, holding regulator in a straight line (C) with LP tank valve so as not to cross thread the connection.
- 6. Turn the coupling nut clockwise to tighten to a full solid stop. The regulator will seal on the back-check feature in the LP tank valve, resulting in some resistance. An additional one-half to three quarters turn is required to complete connection. TIGHTEN BY HAND ONLY--- DO NOT USE TOOLS.

NOTE: If you can not complete connection, disconnect regulator and repeat step 5 and 6. If you are still unable to complete the connection, do not use this regulator!

### ▲ WARNING

If growing bubbles begin to appear there is a leak. IMMEDIATELY turn off LP tank valve. If bubbles continue, IMMEDIATELY get away from the LP tank and contact your FIRE DEPARTMENT (e.g. 911)





**OPD Hand** Wheel

> Type 1 outlet with thread on outside

Dust cap

Hold coupling nut and regulator as shown for proper connection to LP tank valve.

Nipple must be centered into th LP tank valve.

Safety

Relief

Valve





### SAVE THESE INSTRUCTIONS

Read and understand all instructions before assembling and using this appliance. Follow all warnings while using this appliance. Failure to follow these instructions could result in fire or explosion causing damage to property, injury or death.

### ▲ DANGER

If you smell gas: If possible, immediately turn off gas supply to the appliance by turning the LP tank valve clockwise (right). If this cannot be accomplished safely, immediately get away from the appliance and contact the fire department (e.g. 911). Extinguish any open flame, use an approved fire extinguisher (Always have an approved extinguisher on hand when using this product. A Class "B" dry chemical or CO2 extinguisher or preferably a Class "K" extinguisher. Special care must be taken to understand the manufacturers instructions and be prepared to operate the appropriate extinguisher prior to using this appliance.) If you continue to smell gas, immediately contact the fire department (e.g. 911) and do not go near the appliance.

Equipped for use on: Propane. Main Max. Input Rating: 135,000 BTU/H

Certified under ANSI 21.89 - CSA 1.18 -2017 Outdoor Cooking Specialty Gas Appliance
WARNING: FOR OUTDOOR USE ONLY. If stored indoors, detach and leave cylinder outdoors.

This appliance must be at least ten (10') feet (3.0 m) from any wall, railing or other object. Do not use this appliance while standing under any structure.

- M WARNING: This appliance and stand comes with a supplied CSA approved regulator which must be used with this appliance. Replace only with regulator Model No. RYQL01 or GYK5/8
- CAUTION: The instruction manual contains important information necessary for the proper assembly and safe use of the appliance. Read and follow all warnings and instructions before assembling and using the appliance. Follow all warnings and instructions when using the appliance. If instructions or parts are missing contact customer service. This appliance is not designed or intended for commercial use.
- ▲ CAUTION: THIS APPLIANCE IS NOT FOR FRYING TURKEYS.

### ▲ DANGER

Failure to follow these instructions and warnings could result in fire, explosion or burn hazard that could cause property damage, personal injury or even death. Using an LP appliance has a degree of risk that you are assuming. Properly following these instructions and warnings will help minimize that risk.

- DO NOT USE ON COMBUSTABLE SURFACES such as wood, asphalt or plastic. These surfaces are combustible and may melt or catch fire.
- NEVER overfill cooking container above maximum fill line. Follow the proper instructions to ensure proper cooking liquid fill levels.
- · Hot cooking liquids can remain dangerously hot long after cooking. NEVER handle the cooking

appliance until the cooking liquid has cooled to less than 115°F (46°C).

- DO NOT move the appliance when in use. Allow the cooking vessel to cool to 115°F (46°C) before moving or storing.
- Use insulated oven mitts or gloves to protect from hot surfaces or splatter from cooking liquids.
- Closed toed shoes should always be worn during operation of this appliance.
- Keep children and pets away from the cooking appliance at all times.
- The use of alcohol, prescription drugs or non-prescription drugs can impair the ability to accurately assemble or safely operate the appliance. Do not operate when under the influence.
- The minimum outside operating temperature of this appliance is 21°F (-6°C). NEVER use this appliance when temperature is below these minimums.
- Take CAUTION when in close proximity to appliance. Falling or tripping near the gas boiler may result in the splashing or igniting of hot cooking liquids and potentially cause personal injury or property damage.
- This appliance is NOT intended for commercial use.
- The installation must conform with local codes or, in the absence of local codes, with either the
- National Fuel Gas Code, ANSI Z223.1/NFPA 54, Natural Gas and Propane Installation Code, CSA B149.1, or Propane Storage and Handling Code, B149.2.
- NEVER operate this appliance ON or UNDER any overhead roof covering, awning, overhang, apartment, condominium, balcony or deck.
- NEVER operate this appliance indoors or any enclosed area. This appliance should ONLY be used outdoors.
- NEVER install or use this appliance on a boat or other recreational vehicles.
- This product is NOT designed to be used as a heater. NEVER use this appliance as a source of heat.
- Keep the fuel supply hose away from any heated surfaces.
- In the event of rain, snow or other precipitation while cooking, cover the cooking vessel
- IMMEDIATELY and turn off the appliance burners and gas supply. NEVER attempt to move the appliance or cooking vessel.
- When cooking, the appliance must always be on a level, stable, non-combustible surface such as brick, concrete, or dirt. NEVER use this appliance around surfaces such as asphalt, wood, dry grass or leaves, vinyl or plastic.
- Keep the cooking area adjacent to the boiler, clear of debris and free of anything flammable or combustible.
- Keep fuel supply hose away from hot gas appliance when in operation.
- NEVER place an empty cooking vessel on the appliance while in operation.
- Use caution when placing food in the cooking vessel while application is in operation to prevent splashing or overflow. Use caution when removing food from the appliance to avoid burns or serious injury.
- Only use attachments provided or recommended within the instructions.

- NEVER attempt to attach this appliance to the self-contained LP gas system of a camper, trailer or motor home. The pressure regulator and hose assembly supplied with the appliance MUST BE THE ONE USED. Replacement pressure regulator and hose assemblies must be those supplied by the manufacturer.
- NEVER overfill the cooking vessel with water. Follow instructions in this manual for establishing proper water levels. THIS APPLIANCE IS INTENDED FOR USE WITH WATER ONLY.
- Introduction off water or ice from any source may cause overflow and severe burns from water splatter. THIS APPLIANCE IS INTENDED FOR USE WITH WATER ONLY.
- Avoid bumping of or impact with the appliance to prevent spillage or splashing of hot cooking liquid.
- Never drop food or accessories into hot cooking liquid. Lower food and accessories slowly into the cooking liquid in order to prevent splashing or overflow. When removing food from the appliance, care shall be taken to avoid burns from hot cooking liquids.
- Check and clean burner/venturi tubes for insects and insect nests. A clogged tube can lead to a fire beneath the appliance.
- Be sure nothing is obstructing the flow of combustion or air ventilation.
- This appliance will be hot during and after use. Use insulated oven mitts or gloves to protect from hot surfaces or splashing liquids.
- For obtaining replacement parts, please contact E-mail: customerservice@academy.com



Keep twenty-four inches between the cylinder and the appliance. Placing the cylinder too close to the appliance could result in fire or explosion which could cause property damage, personal injury or death.

The hose connecting the appliance to the tank poses a trip hazard. Do not step over the hose or walk between the cylinder and appliance. Tripping could cause the appliance or cylinder to tip over, leading to fire or explosion which could cause property damage, personal injury or death.

## WARNINGS: LP tank

### A DANGER

Indicates a hazardous situation, which if not avoided, will result in death or serious injury.

- The safety release valve on the LP tank could activate the leaking of gas and cause a severe fire and increase the risk of serious injury or death. If the steps below are not followed exactly, a fire causing personal injury or death can occur.
- NEVER store a spare LP gas cylinder under or near this appliance.
- If you smell, see or hear leaking gas IMMEDIATELY get away from the LP tank and contact your FIRE DEPARTMENT.

If the instructions in (1) and (2) are not followed exactly, a fire causing death serious injury may occur.

### LP TANK REMOVAL, TRANSPORT AND STORAGE:

- Turn control knobs OFF at regulator and LP tank valve. Turn coupling nut counterclockwise by hand only. NEVER use tools to disconnect.
- Place dust cap on cylinder valve outlet when the cylinder is not in use.

# **HINT:** Only install the type of dust cap on the cylinder valve outlet that is provided with the cylinder valve. Other types of caps or plugs could cause leaking.

- A disconnected LP tank in storage or being transported must have a safety cap installed. NEVER leave an LP tank in a car that can become overheated by the sun.
- The cylinder must be stored outdoors out of the reach of children. NEVER store the cylinder in enclosed spaces such as a garage, carport, covered porch or any other structure.
- Turn gas OFF at supply cylinder when not in use.

#### LP TANK:

The LP tank must meet the following requirements in order to be used with your appliance:

- Measurements must be 12" (30.5cm) in diameter by 18" (45.7cm) high with 20lb. (9.1kg) maximum capacity.
- The LP gas supply cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the US Department of Transportation (DOT) or the National Standard of Canada (CAN/CSA-B339), Cylinders, Spheres and Tubes for the Transportation of Dangerous Goods.

The LP tank must include the following:

- QCC Type 1 outlet compatible with regulator or appliance.
- Safety relief valve.
- UL listed Overfill Protection Device (OPD). This safety device is identified as the triangular hand wheel. Only use tanks equipped with this type of valve.
- LP tank must be arranged for vapor withdrawal and include collar that protects LP tank valve. Liquefied Petroleum Gas (LP):
- LP gas is odorless, non-toxic, and colorless when produced. For your safety, LP gas has been given an odor (similar to rotten eggs) so you can smell if there is any leaking.
- LP gas is highly flammable and can unexpectedly ignite when combined with the air.

## WARNINGS: LP tank

### Clean and inspect the hose before each use of the appliance.

A WARNING

Clean and inspect the regulator and hose assembly each time you use the appliance. If there is evidence of abrasion, wear, cuts or leaks, the regulator and hose assembly must be replaced prior to the appliance being put into operation. The replacement hose assembly shall be that specified by the manufacturer.

### DISCONNECTING REGULATOR FROM THE LP TANK:

•Turn control knob to the OFF position.

•Turn LP tank OFF by turning hand wheel clockwise to a full stop.

•Turn the coupling nut counterclockwise to loosen the connector.

**NOTE:** Loosen by hand only. DO NOT use tools.

•When disconnected, the regulator should be hung on the hook attached to the appliance.

### **INSTRUCTIONS FOR LIGHTING BURNER:**

•Read and understand all instructions and warnings before lighting. Only light burner outdoors.

•Confirm that the regulator control valve is completely closed and in the "OFF" position.

•Ensure a minimum of 24 inches separate the LP tank and the burner. Note that the LP hose is a tripping hazard and special care must be observed.

•Open the LP tank valve fully by turning counter clockwise.

•Ensure that nothing is directly over the burner. DO NOT allow your head or arms to ever be above the burner.

• Electronic ignition: Open the switch knob on the LP Tank and long press and hold the red button

•Use an extended reach lighter or an ignited long match and allow flame to be plac the burner. Slowly turn the regulator control valve on.

•If the burner does not light within five (5) seconds, turn the regulator control valve back to the "OFF" position, re-close the LP tank valve and wait five (5) minutes. After waiting five (5) minutes, re-start the process from step one (1) above.

### ▲ DANGER

NEVER allow this appliance to operate unattended. Failure to follow this Danger Statement could result in fire, explosion or burn hazard that could cause property damage, personal injury or even death. If a fire should occur, keep away from the appliance, move everyone to safety and immediately contact the fire department and emergency personal (e.g 911). ALWAYS have an appropriately rated fire extinguisher on hand when using this product. A Class "B" dry chemical OR CO2 extinguisher or preferably a Class "K" extinguisher. Special care must be taken to understand the manufacturers instructions and be prepared to operate the appropriate extinguisher prior to using this appliance.







## Parts List



## Hardware

$\theta$	(Β) Φ16x15 Spacer	2pcs
	(C) M6X15 Bolts	4pcs
- CARA -	(D) M6 Acorn nuts	4pcs
	(E) Φ2x40 Cotter pins	2pcs
	(F) Hex Nuts	2pcs
	(G) Washers	2pcs



## Step 1:

Install the wheel axle(part# 2) (1 pc) to through Bolier body(part# 8) as shown on image.

Slide the spacer (B)-1pc prior to installing wheel(part# 1).

Slide washer(G)-1pc prior to inserting cotter pin (E)-1pc on axle.

Repeat wheel assembly for other wheel.

Step 2:

Insert the back handle (#3)-1pc to the Bolier body (#8).







Install the lid handle (#4) to the lid using bolt (C)-2 pcs and acorn nut (D)-2 pcs as shown on image.

Repeat step for other handle.



Step 4:

Install the basket handles (# 5) -1 pc to the basket using hex nut (F) -1 pc and Hex Wrench (A).

Repeat step for other handle.



Step 5:

Open lid, insert side handle (#6)-1 pc into side holes.



Step 6:

Slide the stainless steel paddle (#7)-1 pc into the bottom slot for storage.



## Step 7:

Unscrew the ignition button and install a AA battery(not included), Make sure the positive electrode of the battery is outward, the negative electrode is inward, then retighten the ignition button.



**Fully Assembled** 



#### AWARNING

When using the Crawfish Cooker please keep in mind that it is important to never fill the Cooker over the marked "Max Fill" line. Doing so could result in the unit becoming top heavy and creating an unsafe condition.

### A WARNING

NEVER light unit without first adding water for steaming or boiling. Failure to do so, could result in a hole burned in the bottom of the pot, discoloration, scratching, and/or dimpling.

#### ADDING THE RIGHT AMOUNT OF WATER:

If cooking 1 full sack of crawfish (50lbs; max capacity), fill to the max fill line found on the inside of the basket. If cooking less than 1 sack start by filling the Basket with the crawfish/shrimp/crab you intend to cook. Next, add water until it fully covers the crawfish/shrimp/crab in the Basket. Under no circumstance should the water level ever be above the Max Fill line. Next, remove the seafood and set aside.

#### ADD THE SPICES:

Add the spices that you like. We recommend crawfish seasoning bags that are available from a variety of manufacturers and found at your local Academy store during crawfish season. Follow the directions on the seasoning bag.

#### **BRING THE WATER TO A ROLLING BOIL:**

Follow the instructions for lighting the burner found on Page 10 of these instructions. Please be sure to read, understand and follow all warnings and safeguards. The time required to bring the water to a rolling boil will vary based on multiple conditions including the amount of water used, ambient temperatures and wind. Approximate time to achieve a rolling boil is appox. 28 minutes.

#### **COOKING THE SEAFOOD:**

Once the water is at a rolling boil, cautiously place seafood into the basket using elbow length oven mitts or other safety equipment that prevents the user from being burned or scalded. Once the seafood is in, gently stir the ingredients to ensure there is a good mix of seasoning throughout. Close the cover and return to a rolling boil. Approximate time to achieve a rolling boil is 10 - 15 minutes.

### CRAWFISH/CRAB/SHRIMP BOIL

•For the Single sack crawfish cooker, fill to max fill line with water. Add crawfish seasoning based on your preferred spice level.

•Bring water to a rolling boil. Add seafood.

•Gently stir. Close the lid and return to rolling boil.

•BOILING TIMES: Shrimp - 2 minutes; Crawfish - 5 minutes; Crabs - 5 minutes. (per pound)

- •Turn off the burner.
- •Gently stir the seafood again and let it soak.

•SOAKING TIME: Shrimp - 5 to 10 minutes; Crawfish and Crabs - 15 to 30 minutes.

•Seafood usually floats on the surface while soaking which limits their intake of seasoning. To counter this, carefully add about 4 pounds of ice to the pot, allowing it to float on the surface of the liquid. The sudden change of temperature causes the seafood to sink and increase the seasoning absorption.

•Try including creamer potatoes, fresh sweet corn on the cob cut in thirds, fresh mushrooms, cloves of garlic, fresh peeled onions, and smoked sausage or andouille sausage.

HINT: Allow potatoes extra cooking time by adding them to the boiling seasoned water 5 to 10 minutes early.

### ▲ CAUTION

Allow unit to fully cool (115°F or 46°C) before performing any cleaning.

Proper care and appliance maintenance will keep your product operating smoothly.

#### CLEAN THOROUGHLY AFTER EVERY USE.

#### SUGGESTED CLEANING MATERIALS:

- Warm water
- Mild dishwashing liquid detergent
- Soft, nylon cleaning pad

#### HOW TO CLEAN:

- Before cleaning turn off the boiler at the regulator/ manual valve then at the gas cylinder. Check that there is no flame, gas smell and the valves are in off position. Next, make sure unit is properly disconnected from propane tank prior to any cleaning.
- Before removing the water, let the water/unit completely cool down to (115°F or 46°C). As a precaution use protective heat resistant gloves. The valve requires a garden hose fitting with a 1" diameter (sold separately- consult your local hardware store) to connect to a standard water hose. Use a hose or set a bucket under the valve. Open valve and drain the water from the Boiler. If using a bucket, open valve slowly to prevent from spilling. Any remaining water can be scooped from the boiler and placed in an approved container.
- Everything that was in contact with the food must be hand washed with warm soapy water and nylon pad. If the boiler has black soot cooked on to the outside finish, scrub this down with a steel wool scouring pad. DO NOT spray oven cleaner on aluminum pots to remove grease or soot. It will cause the finish to become dull. If food remains stuck to the aluminum basket add hot water and let it soak, after cooling, scrub with steel wool. If hard water causes darkening on the interior of your boiler, fill to the level of the darkened area with a water and cream of tartar or vinegar solution (mixed concentration of three cups of water to one tablespoon cream of tartar or vinegar).Boil five to ten minutes.

•Confirm that all components are completely dry before using or placing in storage.

•Store all components in a dry, covered location when not in use with the cylinder not attached.

**NOTE:** Clean the entire appliance each year and tighten all hardware on a regular basis (1-2 times a year or more depending on amount of use).

#### CAUTION

Check burner and manifold tube for insect nests. A clogged tube can obstruct proper gas flow and can result in fire beneath the cooking appliances. Prevent blockages by inspecting and cleaning burner and manifold tube regularly.

#### DANGER

NEVER insert any tool or foreign object into the valve outlet or safety relief valve. You may damage the valve or cause leaking, which can lead to explosion, fire, personal injury or death.

### **Frequently Asked Questions and Answers**

# Q: What is the problem if the boiler takes too long or will not heat water? My boilers' flame appearance is very weak.

A: If the hose assembly has Type1 Connection(black/green knob), it is equipped with a flow limiting device. This device is intended to limit the flow of gas should these be a leak between the regulator and the appliance. To achieve a positive gas seal, which will allow for maximum gas flow, the regulator control must be send to a completely OFF position before the cylinder valve is opened. A good tip to remember is "Tank is first ON, last OFF".

The Problem Can be Remedied in Two Ways:

A. 1.Turn the regulator control to the OFF position. Close the tank valve completely by turning it clockwise until it stops.

2. Check that the Type1 Connection(black/green knob) is completely tightened to the tank valve.

3. Wait 5 seconds for the pressure to equalize and for the flow limiting device to reset

4. Turn tank valve ON(counterclockwise.)

5. Turn the regulator control to an ON position.

6. Relight cooker following all lighting instructions contained in this manual. Check for proper flame characteristics.

#### OR

B. 1.Turn the regulator control to the OFF position. Close the tank valve completely by turning clockwise until it stops.

2. Remove Type 1 Connection(black/green knob) from the tank valve. The flow limiting device will now reset.

3. Re-attached Type 1 Connection(black/green knob) to the tank valve. Tighten completely.

4. Turn tank valve ON(counterclockwise).

5. Turn the regulator control to an ON position.

6. Relight cooker following all lighting instructions contained in this manual. Check for proper flame characteristics.

#### Q. How long will propane in my tank last?

A: On average, a full tank will give you 4 to 5 hours of normal cooking.

### Warranty Information

### **ONE-YEAR LIMITED WARRANTY**

The appliance has been manufactured under the highest standards of quality and workmanship. We warrant to the original consumer purchaser that all aspects of this product will be free of defects in material and workmanship for **one year** from the date of purchase. A replacement for any defective part will be supplied free of charge for installation by the consumer. Defects or damage caused by the use of other than genuine parts are not covered by this warranty. This warranty shall be effective from the date of purchase as shown in the purchaser receipt.

This warranty is valid for the original consumer purchaser only and excludes industrial, commercial or business use of the product, product damage due to shipment or failure which results from alteration, product abuse, or product misuse, whether performed by a contractor, service company, or consumer. We will not be responsible for labor charges and/or damage incurred in installation, repair or replacement nor for incidental or consequential damage.