

72 Beadel Street Brooklyn, NY 11222

718/388-5650 outside New York State 800/221-5032 facsimile 718/388-5860 www.townfood.com



NEW FEATURE EASILY REPLACEABLE MAGNETIC SENSOR



AUTOMATIC GAS RICE COOKER OWNER'S MANUAL

RS-50N-R (NATURAL GAS)

RS-50P-R (PROPANE GAS) NOT CERTIFIED

SECTION 1 INSTALLATION INSTRUCTIONS

FOR COMMERCIAL USE ONLY

WARNING

IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, INJURY OR DEATH.

READ THE INSALLATION, OPERATING AND MAINTENANCE INSTRUTIONS THOROUGHLY BEFORE INSALLING OR SERVICING THIS EQUIPMENT.

FOR YOUR SAFETY

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

IMPORTANT

CONTACT YOUR LOCAL GAS SUPPLIER IF YOU SMELL GAS NEAR THIS EQUIPMENT.

DO NOT DISCARD INSTRUCTIONS.THIS MAUAL MUST REMAIN WITH THE UNIT FOR FUTURE REFERENCE.

THIS EMERGENCY INFORMATION MUST BE PROMINENTLY DISPLAYED

Congratulations on your purchase of your RiceMaster Automatic Gas Rice Cooker.

With proper installation, care and use, it should provide years of reliable service.

NEW FEATURE

The new magnetic sensing unit is both reliable and easily replaceable.

PARTS IDENTIFICATION

BURNER ASSEMBLY

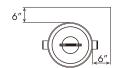
- 1 MAGNETIC SENSING UNIT
- 2 BURNER BASE COVER
- 3 PILOT/WARMER
- 4 MAIN BURNER
- **5** OPERATING INSTRUCTIONS
- 6 NO.1 START BUTTON/IGNITION LEVER
- 7 NO.2 MAIN BURNER/ COOK BUTTON
- 8 MAIN GAS VALVE KNOB
- 9 PILOT IGNITION BUTTON-RED





INSTALLATION INSTRUCTIONS

- 1) The gas supply line must be of adequate size to ensure maximum efficiency of the unit.
- 2) The installation must conform with the National Fuel Gas Code, ANSI Z223.1, Natural Gas Installation Code, CAN/CGA-B149.1 or the Propane Installation Code, CAN/CGA-B149.2, as applicable including:
 - a) The appliance and it's individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressure in excess of ½ psig (3.45 kPa).
 - b) The appliance must be isolated from the gas supply piping system by closing it's individual manual valve during any pressure testing of the gas supply piping system at test pressures equal or less than ½ psig (3.45 kPa).
- 3) Local regulations governing gas appliance installations must be complied with.
- 4) Equipment should be in an area with adequate ventilation.
- 5) Minimum spacing of 6" to combustible construction is required along back and side walls. Clearance for noncombustible construction are the same as combustible clearances. For use only on noncombustible surfaces.



- 6) Materials such as wood, compressed paper and plant fibers that will ignite and burn, **must not be exposed near the unit**. Local safety codes should be complied with in respect to fire
 hazard avoidance.
- 7) **Use of the supplied pressure regulator is mandatory.** Note that the use of 2 regulators may cause insufficient gas flow and pressure. Consult with installer but always comply with above codes.
- 8) Keep the appliance area free and clear from combustible materials, gasoline and other flammable vapors and liquids.
- 9) Locate this appliance in a well ventilated area. Do not block or cover the opening between the shroud and pot. Do not obstruct flow of combustion and ventilation air.
- 10) The unit must be installed with adequate clearance for servicing and proper operation.
- 11) If the unit is connected to a flexible gas line, the installation must be made with a connector that complies with the Standard Connectors for Movable Gas Appliances, ANSIZ21.69 or Connectors for Movable Gas Appliances, CAN/CGA-06.16, and a Quick Disconnect device that complies with the standard for Quick Disconnect Devices for Use with Gas Fuel ANSIZ21.41, or Quick Disconnect Devices for use with Gas Fuel, CAN1-6.9, and adequate means must be provided to limit the movement of the appliance without depending on connector and the Quick Disconnect device or it's associated piping to limit movement of the appliance.
- 12) Before connecting gas check that gas valve is turned **OFF** (gas valve handle in the vertical position).
- 13) Check for leaks using soapy water or other suitable leak detector. Rinse off the soapy water after testing. **Do not use open flame for testing.**

LIGHTING AND SHUT DOWN INSTRUCTIONS

Always follow these lighting and shut down instructions when lighting rice cooker. A 5 minute complete shutoff period is required before lighting or relighting pilot. Check for gas leaks before relighting unit. Use soapy water or other suitable leak detector. Rinse off the soapy water after testing.

Notice to Installer—the following must be performed to insure proper operation

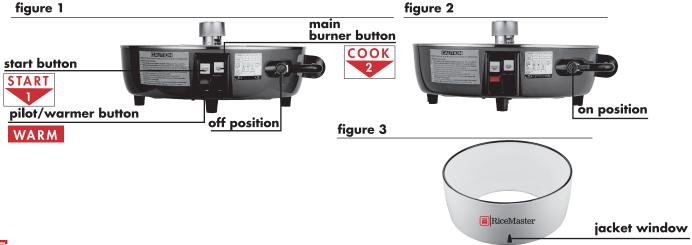
- 1) Remove pot, outer jacket, and base cover.
- 2) Turn gas valve to **ON** position as shown in figure 2 below.
- 3) Gently push on the #2 COOK button. It should stop half way down and not engage. This is a safety feature feature that does not allow accidental start of the main burner unless the pilot button has already been pushed.
- 4) Push the left button marked #1 START down until the unit clicks, then release it. This is the ignition lever and should light the pilot. The red button labeled WARM button controls the pilot and is hidden by the #1 START button when off. Pushing the #1 START button also engages the WARM button and exposes it. It will stay down until pushed up to extinguish the pilot. If the pilot has not lit, repeat until the pilot lights.
- 5) If pilot fails to remain lit, refer to **TROUBLE SHOOTING** on page 14.
- 6) Replace the pot, outer jacket, and base cover in their proper order. With the pilot lit, push the #2 COOK button down to its position without water in the pot. The unit should shut off within 3 to 4 minutes. If it fails to shut off, push the #2 COOK button up to the OFF position and see TROUBLE SHOOTING on page 14. If it shuts off normally, add a gallon of water and wait for the click indicating that the sensor has reset. With the pilot lit, press the #2 COOK button again. The rice cooker should boil the pot dry and then shut off. If it fails to shut off normally, press the #2 COOK button up to it's OFF position and refer to the TROUBLE SHOOTING section on page 14 for additional causes and remedies.

WARNING

When igniting the pilot, position the jacket window directly over #1 START and #2 COOK buttons. Use caution when igniting pilot and maintain a safe distance from jacket window (figure 3).

SHUT DOWN

When removing the pot, make sure to push the red **WARM** button up until it clicks and is hidden by the **#1 START** button—it is then in the **OFF** position. A 5 minute complete shut off period is required before lighting or relighting pilot.

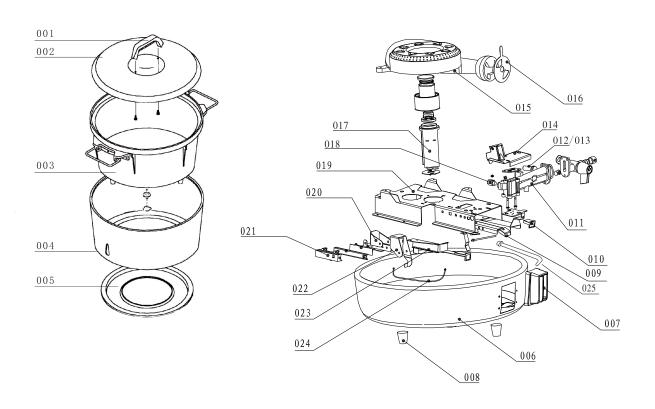


SPECIFICATIONS, DIMENSIONS, AND GAS INPUT INFORMATION

	RS-50N-R	RS-50P-R	
TYPE OF GAS	natural	propane	
MBTUH	24,395	25,520	
GAS CONNECTION	3/4" NPT	3/4" NPT	
LIQUID CAPACITY	1 O L	10L	
UNIT SIZE	20.9"(depth) x 17.5" (height)	20.9"(depth) x 17.5" (height)	
NET WEIGHT	32.5 lbs.	32.5 lbs.	
CARTON SIZE	20" x 20" x 16.6"	20" x 20" x 16.6"	
MASTER CARTON	1 unit (3.8 cu.ft)	1 unit (3.8 cu.ft)	
SHIPPING WEIGHT	37 lbs.	37 bs.	
COLOR	RS-50N: red base	RS-50P : red base	
CAPACITY	raw rice:18 lbs. (55 6 oz. cups*)	raw rice:18 lbs. (55 6 oz. cups*)	
	cooker rice:43 lbs. (110 6 oz. cups*)	cooker rice:43 lbs. (110 6 oz. cups*)	
*	. (/	·	

^{*}Asian standard measurement of 6 oz., opposed to an 8 oz.cup

PARTS LIST



PARTS LIST

NUMBER	PART NUMBER	DESCRIPTON
		— cover handle with screws
2	— 56582 ———	 stainless steel rice pot cover with handle and screws
3	— 56583 ———	— die cast aluminum rice pot with handles
4	— 56584 ———	— outer jacket
		
6	— 56587 ———	— lower body for RS-50 (red)
7		— control panel frame
		
9		— ignition button
10	— 56592 ———	— cooking button
11	— 56593 ———	— gas valve (natural gas)
	— 56593/P———	— gas valve (propane gas)
12		main burner orifice, natural gas (2.5mm drill)
13	— 56595 ———	— main burner orifice, propane gas (1.5mm drill)
14		— gas switch valve cover
15		cast iron burner
		0 1
17		— magnetic sensing unit
		
19		— assembly supporter
20		— ignition switch bracket
		
22		— lighter supporter
23		— keep warm button
		
		— manifold assembly
	RM-55N-REG	3/4" pressure regulator, natural gas
	RM-55P-REG	3/4" pressure regulator, propane gas



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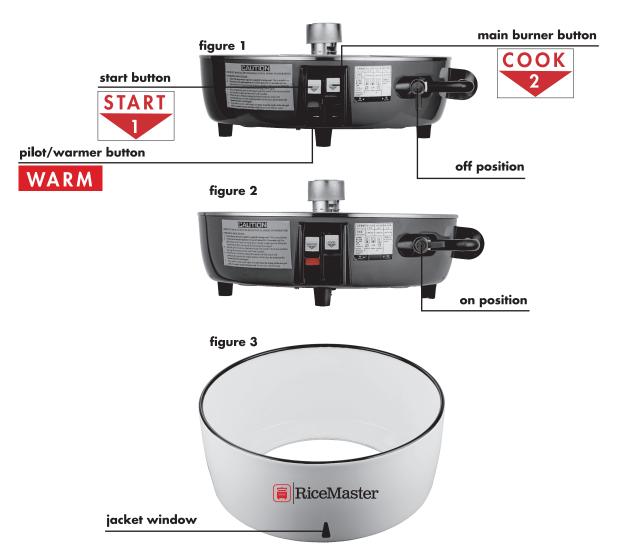
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OPERATING INSTRUCTIONS

- 1) Make sure the unit is properly assembled with burner base, cover, outer jacket, rice pot and cover in the proper positions. The rice in the pot should be prepared by the methods described on page 9. If the components are not properly positioned, the unit will not operate properly.
- 2) Turn gas valve to **ON** position (figure 2). Position the jacket window directly over #1 **START** and #2 **COOK** buttons.
- 3) Push the left button marked #1 START down and wait for a click, then release it. This is the ignition lever and the pilot should light. The red button marked WARM controls the pilot and is hidden by the #1 START button when off. Pushing the #1 START button engages and exposes the WARM button. It will stay down until pushed up to extinguish the pilot. If the pilot does not light, repeat. If the pilot continues to not light, see TROUBLE SHOOTING on page 14.
- 4) After the pilot has lit, push the **#2 COOK** main burner control button to ignite the main burner and start cooking. The cook cycle takes approximately 22~28 minutes. When the cook button snaps to the **OFF** position, allow the rice to remain undisturbed for an additional 10 minutes to cure. The curing time allows the rice to become fluffy and improves taste.

WARNING

When igniting the pilot, position the jacket window directly over #1 START and #2 COOK buttons. Use caution when igniting pilot and maintain a safe distance from the jacket window (figure 3).



HOW TO USE YOUR RICE COOKER

ASSEMBLY AND COOKING

Step 1

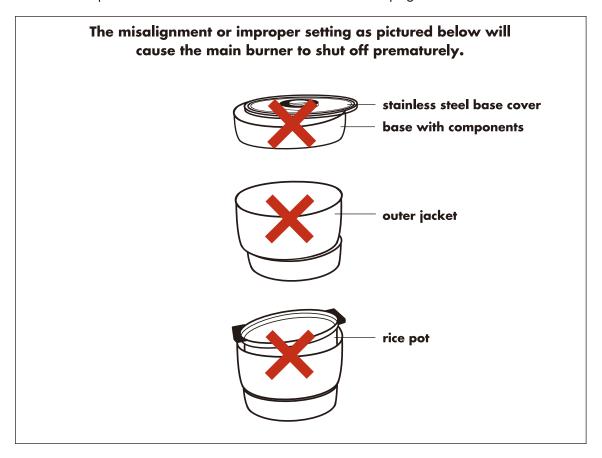
Place the rice pot with rice and water in the outer jacket. The rice pot must be level and sit evenly in the jacket.

Step 2

Place the lid on the rice pot and light the burner. To light the burner, refer to **OPERATING INSTRUCTIONS** on page 8. Do not open the lid while cooking. When cooking is finished, the #COOK 2 button will pop up and the main burner will automatically shut off. Do not serve the rice yet—refer to **RICE COOKING TIPS** on page 10, for information on curing rice. The pilot keeps cooked rice hot (about 160°F/71°C) for 2 hours.

Step 3Shut pilot off by pushing the red **KEEP WARM** button up . Refer to the **LIGHTING AND SHUT DOWN INSTRUCTIONS** on page 4 for additional information

See the **SHUT DOWN** portion of the **OPERATING INSTRUCTIONS** on page 4.



SEASONING THE RICE POT

A new rice pot should be carefully seasoned once before use. Wash rice in the rice pot with tap water. Remove the milky liquid from the rice, replace with fresh water and light the pilot to begin the cooking process. Using tap water to season the pot may cause discoloration but will effect neither the unit nor the cooked rice.

VISUAL BURNER CHECK

When operating, burner flame should be light blue in color and should have no yellow tips or lifting from the burner. The air/gas mixture can be adjusted by moving the air shutter arm under the unit below the main gas valve.

RICE PREPARATION

- Measure rice with the measuring cup*. The unit will cook a minimum of 2-3 full measuring cups* of dry rice. Uncooked rice volume doubles after cooking.
- Determine the quantity of rice to be cooked. The amount of rice should be enough to completely cover the bottom of the pot. The maximum is 10 full measuring cups*. Place the rice in the pot and wash 4 or 5 times with fresh water until the water is clear.
- Cover the rice with 1" of water. An alternate method is to gently place one's hand on the rice. Add enough water to reach the center of the knuckles where the fingers join the hand.
- Cover rice pot with stainless steel cover*. Check to be sure that the pot is properly positioned on the cooker and that the water level is of uniform depth covering the rice. For tender rice, let it soak in pot for about 10 minutes before igniting main burner.

RICE COOKING TIPS

- When cooking a half pot of rice, turn gas valve to the full **ON** position, taking note of flame on burner. Turn gas valve slightly towards **OFF** position until flame is reduced by half.
- Length of cooking time will vary according to type of gas used, and quantity of rice being cooked.
- When main burner automatically shuts off, the rice should be broken up or turned using a utensil that will not damage the pot. Cover the rice and wait 10 to 15 minutes allowing the rice to cure before serving. Rice will remain hot (about 160°F/71°C) for 2 hours.

CARE AND MAINTENANCE

- The rice pot is designed for use in the RS-50N-R and RS-50P-R only. Do not put the pot on any other heat source - it will damage the pot and will not operate properly.
- Keep the Piezo electric ignition clean and dry by wiping with a dry cloth. Do not press the ignition while touching electrode—electric shock will result. If lighter fails to spark, check that it is clean, dry, and that the black neoprene line from the ignition assembly is connected. Call your dealer or gas service for assistance if the unit continues to malfunction.
- Cooker base connected to gas supply may be cleaned with a damp cloth and mild soap or detergent. Never immerse the unit into water. Be careful to not strain gas connection as this will damage the manifold and could be very dangerous, resulting in a gas leak.
- Rice pot, cover, and enamel body may be removed for cleaning. These parts should be cleaned and carefully reassembled to prevent damage to the unprotected cooking sensor. Do not force these parts to fit—they assemble easily if properly positioned. Refer to the illustrations on page 9 of the ASSEMBLY AND COOKING section.
- After unit is cleaned and assembled, leave all gas valves in OFF position, rice pot centered and resting evenly on enamel outer body of unit.

^{*}supplied with unit

Vicente's Mexican Rice

30 servings

INGREDIENTS

- 4 ounces peanut oil
- 6 cups long grain rice
- 6 cups water
- 3 cups beef stock

salt and freshly ground pepper to taste

crushed chilies to taste

generous pinch of saffron

- 3 large tomatoes, peeled, seeded and chopped
- 4 garlic cloves
- 1 red bell pepper, diced
- 1 onion, peeled and chopped

DIRECTIONS

Place peanut oil and rice into rice pot.

Press the **ON** button and then the **#1 COOK** button.

Stir rice in peanut oil approximately every minute until COOK light goes off.

Pour the 6 cups of water and remaining ingredients into the rice. Stir thoroughly and cover with lid.

Set timer for 30 minutes to soak the rice.

After 30 minutes stir thoroughly. Push the #1 COOK button.

When the **COOK** light goes off the **HOLD** light will come on. Allow the seasoned rice to cure for 10 to 15 additional minutes.

Rice is now ready to serve.

Buen provecho!



Maria's Mexican Rice*

30 servings

INGREDIENTS

8 oz. vegetable or peanut oil

4 quarts cooled chicken stock

3 lbs. washed rice juice of one lemon

2-3 sprigs finely chopped cilantro

- 3 boneless chicken breasts, precooked and cubed
- 2 cloves garlic, smashed, finely chopped
- 3 tablespoons salt
- 1 28 oz. can crushed tomatoes
- 2 finely chopped jalapeños

DIRECTIONS

Push the **#1 START** button to light the pilot. Verify ignition of the pilot through the jacket window. Push the **#2 COOK** button and light the main burner. Verify ignition of the main burner through the jacket window. Add a sufficient amount of oil to cover the bottom of the rice pot. Allow the oil to heat.

The sensor in the bottom of the pot is designed to turn the rice cooker off when it senses there is no water remaining in the pot. The oil in the bottom of the pot is being heated by the burner and will exceed the temperature of boiling water. At this point the sensor will make a click sound and pop into its expanded position as the temperature of boiling water has been exceeded. This causes the **#2 COOK** button to jump to the **OFF** position and the burner will shut off.

Mexican Rice is fried before liquids are added. The oil must be at frying temperature, about 375°F. To do this, push the COOK-2 button once again to continue heating the oil. **BEWARE** the automatic shut off feature of the sensor is now disabled and the unit will not shut off automatically. To turn off the main burner lift the #2 COOK button.

Heat the oil to frying temperature. Add grains of rice to test the temperature of the oil. When the test grains of rice sizzle and turn white, add the remaining rice. Fry the rice by allowing it to cook for 30 seconds, and mix thoroughly. Let it fry for an additional 30 seconds and mix again. Repeat this process until the rice begins to 'cashew' or have a light brown color, about 7-10 minutes.

After the rice has started to change color, add the garlic and stir for 1 more minute. At this point wearing a heat resistant mitt is imperative as the pot is very hot and the liquids about to be added will vaporize quickly and can scald the skin. Stir in crushed tomatoes and fry for one more minute. Turn off the burner by raising the #2 COOK button to its OFF position. Add the remaining of the ingredients and mix. About 4-5 minutes after turning off the main burner, listen for a click indicating that the sensor has reset to its original state restoring the automatic capabilities.

Relight the main burner by pushing down the #2 COOK button. Verify ignition through the jacket window. The unit will now cook the rice and automatically shut off when the rice is done—about 15 minutes. When the unit shuts off, allow the rice to cure undisturbed in the rice cooker for 10 minutes. Mix and serve.

NOTES

Consistency of rice will vary depending on amount of chicken stock used. For very spicy rice add additional jalapeños to taste. Be creative—try adding peas, corn, or finely chopped bell peppers.

Use the rice cooker to braise the chicken.

The braised chicken adds flavor to the rice when fried in the same pot.

Buen provecho!

* Recipe compliments of Maria Asuncion Aquirre de King, Dim Sum King, Veracruz, Mexico.



TROUBLE SHOOTING

If rice cooker is not working properly, perform the following diagnostic tests:

With the pilot lit and an empty rice pot in the cooker, start the main burner. Expect to hear a click after 1 minutes and 20 seconds to 2 minutes. The click is the sound of the magnetic sensor reaching shut off temperature.

DIFFICULTY	CAUSE	REMEDY	
"Backfire" sound is found during ignition or use	Back fire on main orifice	Ignite again after the flame is out. If it is not solved, please contact for repair.	
Main burner does not shut off automatically	Broken or worn magnetic sensing unit	1. Replace magnetic sensing unit	
_	2. Improper assembly of inner pot, outer pot of water pan.	2. Reassemble the parts, test with the empty pot for 2-3 minutes.	
YELLOW MAIN BURNER FLAME	unit connected to incorrect type of gas	check rating plate to confirm unit is connected to the correct type of gas	
BLACK SOOT COLLECTS ON BOTTOM OF RICE POT	air shutter is not properly set	adjust/open air shutter	
FLAME LIFTS OFF MAIN BURNE	1 . spillage on main burner or blockage inside main burner	1.clean or replace main burner	
	2.spillage on main burner	2.clean or replace main burner	
	3. excessive air	3.adjust/close air shutter	
	4. high gas pressure	4. adjust gas pressure or verify gas system	
BOILING OVER	too much water	cook with proper amount of water, and refer to RICE PREPARATION on page 10	
POT INTERIOR TURNS GRAY	rice pot hasn't been cleaned for an extended period of time	thoroughly wash and dry pot	
	pot is discolored by boiling water	discoloration will not harm rice pot or rice but may turn gray	

Units requiring warranty service must be returned to Town Food Service Equipment Co., Inc. for repair. See **GAS COOKER LIMITED WARRANTY** on page 15. Call Town at 718/388-5650 with model and serial number and request authorization to return for warranty repair number (RGA #). Non warranty parts are also available by contacting Town. There is no in store service available.

GAS RICE COOKER LIMITED WARRANTY

Town Food Service Equipment Co., Inc. (Town) warrants its rice cookers to be free of defects in materials and workmanship, subject to the terms specified below. This warranty is limited to parts replacement and does not include any labor allowance. Any service charges or charges for parts replacement is the customer's responsibility.

Town warrants gas RiceMasters to be free of defects in materials or workmanship for a period of 6 months. The warranty period for all electric and gas rice cookers shall commence at the the time of shipment from Town. The warranty period may be extended, at Town's discretion, if proof of installation (specifying model and serial number) was at a later date, but in no case shall warranty be extended beyond 9 months after date of shipment from Town.

Parts and labor are covered for the warranty period for properly packaged units returned to Town prepaid. Town cannot be responsible for shipping damages to any unit returned with improper packaging. Parts that have failed due to defective materials or workmanship will be replaced at no charge. Units repaired under warranty will be returned freight prepaid. Warranty for the new parts will be for the remainder of the original warranty period. Freight will be added to the invoice for non-warranty repairs. There will be no credit for defective units returned.

Customers are requested to clean units before returning them for service. Units returned in abused or unsanitary condition will not be serviced without the customer's consent to pay an appropriate labor charge for labor to clean and repair the rice cooker. If the customer does not agree, the unit will be returned without cleaning or repair. This warranty does not cover any failures or operating difficulties due to accident, abuse, misuse, alteration, misapplication, improper installation or improper maintenance or service. Town does not authorize any person or company to assume on it's behalf any obligation or liability in connection with this unit in any manner whatsoever. If warranty service becomes necessary, bring the unit to the dealer where the rice cooker was purchased. Request that it be carefully packed. Be sure to insulate the enamel jacket from the rice pot. If the pot is allowed to contact the enamel jacket during shipment it will become chipped. If the base is not properly packed it may become dented. Town will charge for repairs to units returned and damaged due to abuse for any reason. The returning agency is entitled to request from the purchaser the costs of shipping and handling charges to return the unit. Before any unit is returned, call Town at 718/388-5650 and request a Return Goods Authorization (RGA). Be advised this RGA is only authorization to return the unit for evaluation. No credit of any kind may be taken arising from an RGA. Unit will be inspected to verify the difficulty for which it was returned. Once the difficulty is verified, it will be repaired and the unit returned at no charge if due to faulty materials and/or workmanship. If defective for any other reason, the unit will be repaired and the customer will be charged for the cost of the labor and materials for the repair plus return delivery costs.

If unit must be returned to Town, carefully pack (preferably in the original carton), send prepaid, adequately insured, and with the RGA clearly marked on the outside of the package.

RECORD OF OWNERSHIP For your records, please record the following information. It will be required in the event service is required.					
Date of purchase	Model	Serial NumberGas Type			
Dealer	Dealer Phone Number				

