

# **Gas Stock Pot Burner**

**This manual contains important information regarding your unit. Please read the manual thoroughly prior to equipment set-up, operation and maintenance. Failure to comply with regular maintenance guidelines outlined in this manual may void the warranty.**

**PLEASE READ!!!**

## WARNINGS

- Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other equipment.
- Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death.
- Read the installation and maintenance instructions thoroughly before installing or servicing this equipment.
- Have the equipment installed by a qualified installer in accordance with all federal, state and local codes.
- Do not install or use without all 4 legs.
- This equipment is for use in non-combustible locations only.
- Do not obstruct the flow of combustion and ventilation air.
- Do not spray controls or the outside of the equipment with liquids or cleaning agents
- Allow for hot parts to cool before cleaning or moving.
- This equipment should only be used in a flat, level position.
- Do not operate unattended.
- Any loose dirt or metal particles that are allowed to enter the gas lines on this equipment will damage the valve and affect its operation.
- If you smell gas, follow the instructions provided by the gas supplier. Do not try to light the burner; do not use a telephone within close proximity.
- Never attempt to move grate while cooking.

## SET UP

1. Remove all packing material and tape, as well as any protective plastic from the equipment.
2. Place the equipment in the desired position and height.
3. Install the four (4) legs onto the equipment.
4. Clean and dry the equipment thoroughly before using.

## INSTALLATION:

**The installation of this equipment must conform with local codes, or with the National Gas Code, ANSIZ223.1/NFPA 54, or the Natural Gas and Propane Installation Code, CSA B149.1, as applicable.**

- The equipment and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½ psi (3.5 kPa).
- The equipment must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½ psi (3.5 kPa).

### Clearance and positioning around the equipment:

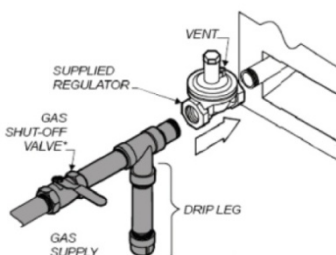
- This equipment must be installed adjacent to non-combustible surfaces only with a minimum spacing of 6” from all sides. This equipment must be a distance of 6” from other equipment. The equipment must have the 4” legs installed and be placed on a non-combustible surface.

### Air Supply and ventilation:

- The area in front and around the equipment must be kept clear to avoid any obstruction of the flow of combustion and ventilation air.
- Adequate clearance must be maintained at all times in front of and at the sides of the equipment for servicing and proper ventilation.

### Pressure Regulator:

- All commercial cooking equipment must have a pressure regulator on the incoming service line for safe and efficient operation. The regulator provided for this equipment is adaptable for both Natural gas and LP gas.
- Regulator specifications: ¾” NPT inlet and outlet, factory adjusted for 5” WC Natural Gas standard and may be converted by qualified personnel to be used for Propane at 10” WC.



Connection diagram

Prior to connecting the regulator, check the incoming line pressure. The regulator can only withstand a maximum pressure of ½ PSI (14” WC). If the line pressure is beyond this limit, a step down the regulator before the regulator provided will be required. The arrow on the bottom shows gas flow direction and should point downstream to the equipment.

**Gas Conversion:**

- Conversion from Natural Gas to Liquid Propane (LP) or vice versa may only be performed by the factory or its authorized service agent. In case of troubleshooting, ensure the correct orifice sizes of the spuds have been provided.
- Natural Gas Orifice is #31
- Liquid Propane Gas Orifice is #52
- Orifice size is marked on the spud

**LIGHTING THE PILOT:**

The manifold units are equipped with standing pilots and each should be lit immediately after the gas is supplied to the equipment.

1. Before attempting to light the pilots, turn off the main gas valve to the equipment and wait 5 minutes to clear the gas.
2. Turn off all gas control knobs.
3. Turn on control valve and light all pilots.
4. The pilot burner must be lit at the end of the tube. Hold an ignition source through the pilot light hole in the front panel at the pilot tube. When the flame ignites remove ignition source.
5. Turn off the main gas valve to shut down the equipment.

Smoke appearing on initial use of the equipment is normal. This is a result of the rust preventative coating burning off. Allow the equipment to “burn in” for at least 15 minutes before the first use.

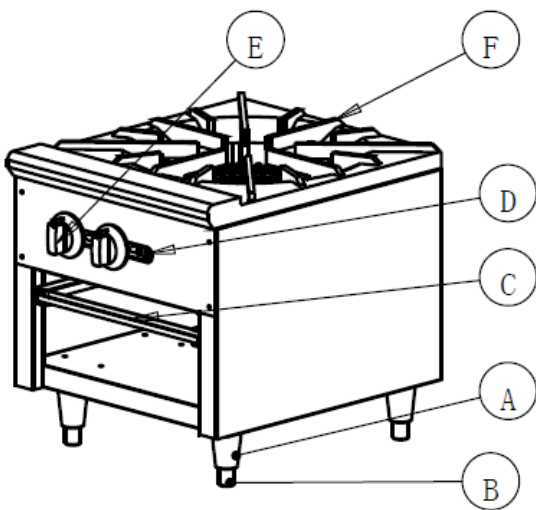
**Pilot Flame Regulation:**

- The pilot flame on the equipment has been factory adjusted. When adjustment is necessary, adjust the pilot flames as small as possible but high enough to light the burner immediately when the burner valve is turned to the highest setting. Access to the pilot flame adjustment screw is obtained by removing the front panel.

**Burner Adjustment:**

- Remove the front panel to gain access. Turn burner valve knob to highest setting. Slowly decrease mixing ring aperture to give a soft blue flame having luminous tips. Then slowly increase opening to a point where the yellow tips disappear and a hard blue flame is obtained.

**FEATURES AND CONTROLS:**



- A) Leg
- B) Adjustable Foot
- C) Drip Tray
- D) Pilot Light Access Hole
- E) Gas Control Knob
- F) Grate

**OPERATION:**

**Before initial use, turn the gas control knob to the maximum setting and allow the equipment to burn-in for 15 minutes. Seeing smoke coming from the cooking surface is normal during burn-in. After 15 minutes of burn-in, equipment is ready for use.**

1. Hold the leg and rotate the adjustable feet so the equipment is level.
2. Check the drip tray frequently and add water as necessary.
3. To ignite the burner, depress and turn the gas control knob to high position
4. Allow the equipment to pre-heat before attempting to use.
5. Adjust the valve set-point to obtain the desired level of heat.

**CLEANING:**

**To maintain the appearance and increase the service life, clean your equipment daily. DO NOT clean equipment with steel wool.**

1. Allow the equipment to cool completely before cleaning.
2. Using a wire brush, scrape the grill grate(s) to remove any food residue.
3. To clean equipment, use either a damp cloth, sponge with soapy water or a metal scraper.
4. Dry grates thoroughly to prevent rusting.
5. Empty and clean the drip tray.

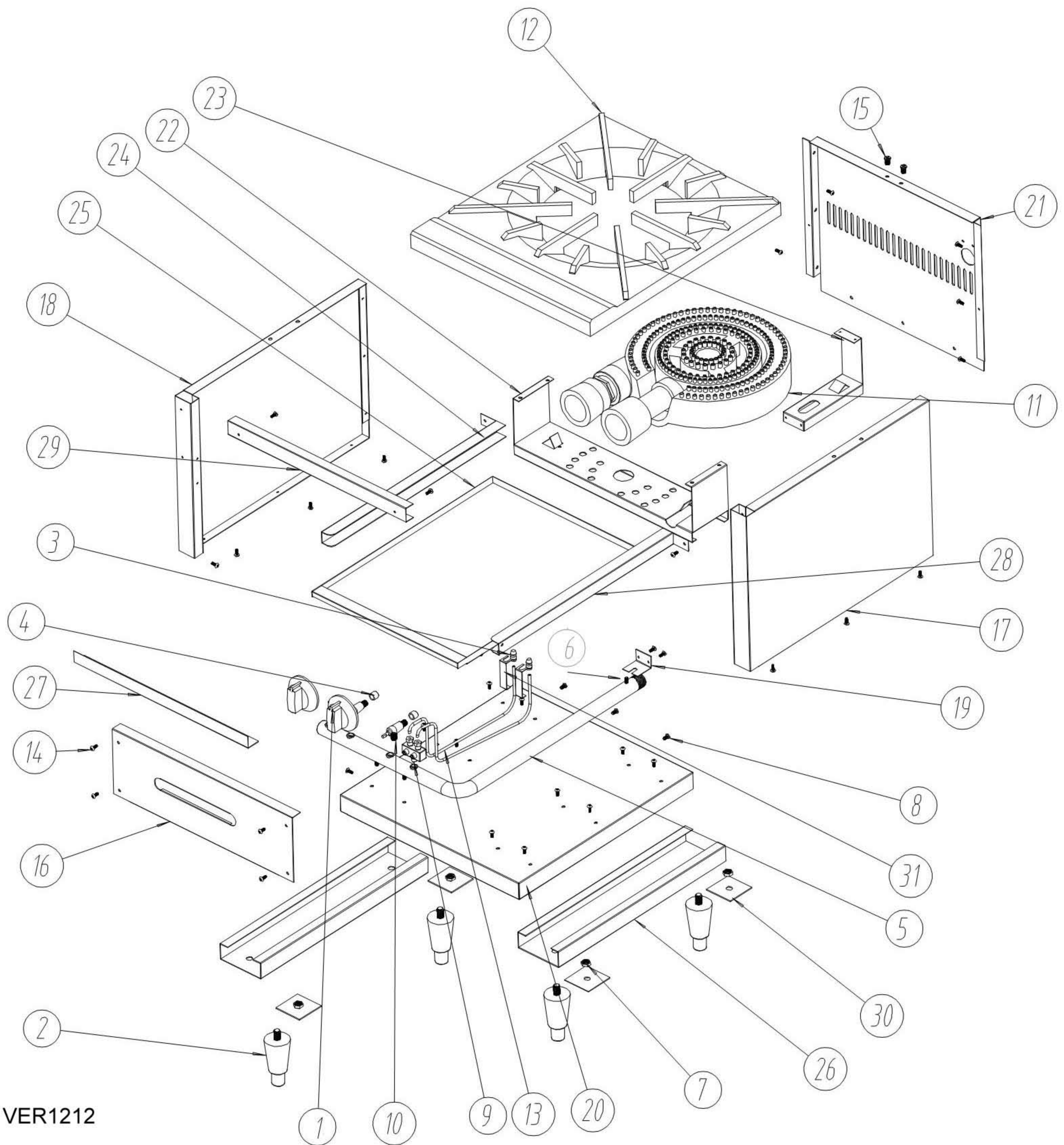
**MAINTENANCE:**

- A qualified service company should check the unit for safe and efficient operation on an annual basis.
- Gas piping shall be a certain size and installed to provide a supply of gas sufficient to meet the full gas input of the equipment.
- A manual shut off valve should be installed upstream from the manifold within 4 ft. (1.2m) of the equipment and in a position where it can be reached in the event of an emergency.
- Check entire gas piping system for leaks every so often. Using a gas leak detector or soapy water solution is recommended.
- Install equipment under efficient exhaust hood with flameproof filters with a distance of no less than 4 feet between the top of the equipment and the filters or any other combustible materials.

**SPECIFICATIONS:**

Model	Description	Burners	BTU/hr	Gas Type
PcwtrnI cu	Gas Stock Pot Burner NG	3-Ring	80,000	Natural Gas
Liquid Propane	Gas Stock Pot Burner LPG	3-Ring	50,000	Liquid Propane Gas

\*Shipped setup for Natural Gas and includes a kit for conversion to LPG.



## Stock Pot Burner

### Parts List

Ref. No.	Description	QTY
1	knob	2
2	adjustable foot	4
3	pilot	2
4	orifice	2
5	inlet pipe	1
6	test plug of inlet pipe	1
7	nut	4
8	bolt	3
9	Adjust valve	1
10	A18 valve	2
11	burner	1
12	grate	1
13	pilot gas pipe	2
14	screw	36
15	screw	3
16	front panel	1
17	side plate , right	1
18	side plate , left	1
19	clip to fix inlet pipe	1
20	bottom base plate	1
21	rear plate	1
22	burner support	1
23	plate to connect burner support	1
24	left slideway for crumb tray	1
25	crumb tray	1
26	foot strengthen plate	2
27	inlet pipe support	1
28	right slideway for crumb tray	1
29	front strengthen plate	1
30	plate to fix foot	4
31	plate to fix pilot	2

VER1212

# WARRANTY

Warrants to the original user of its gas equipment and related equipment that said appliances and related equipment will be free from defects in material and workmanship under normal use for a period of one (1) year from the date of installation, with appropriate documentation. Should your equipment fail within this time, upon approval, parts and labor charges will be covered by this warranty.

**WARRANTY  
REGISTRATION  
CARD**

**MAIL CARD  
IMMEDIATELY**



This card must be mailed immediately after installation date for warranty to be in effect.

**National Service America • 230 Park Ave, Suite 1000 • New York, NY • 10169**

\_\_\_\_\_  
(Name of Company Purchasing Gas Equipment) (Type of Business)

\_\_\_\_\_  
(Company Address)

\_\_\_\_\_  
(Model of Gas Equipment) (Serial Number)

This is to inform that I, \_\_\_\_\_  
(Please print name of individual who owns business)

have had the above gas equipment in my place of business \_\_\_\_\_  
(Date of Purchase)

\_\_\_\_\_  
(Company Phone Number) (Signature of individual who owns Business)

The above warranties are in effect from this installation date, or 90 days after shipment, which ever comes first.