



USER MANUAL

Stock Pot Range



MODEL: 351CPGSPR18(L/N)

05/2018

This user's manual contains information and guidelines collected from years of industry experience. For optimal safety and efficient operation, please make this document available to staff members authorized to use this equipment, and have them read this manual carefully before startup. **Cooking Performance Group declines any responsibility in the event users do not follow the instructions or guidelines stated here.** We have the full authority to reserve the further technical changes of the unit, in the scope of further performance improvement characteristic development.

Should you have any questions about the proper use of this product, please contact Cooking Performance Group using the information listed on the back page of this manual.

WARNING

- Any incorrect installation, maintenance, or self-modification can lead to property loss, bodily harm, or death. Please contact Cooking Performance Group for any adjustment or maintenance. Service must be performed by an authorized technician.
- For the safety of everyone involved, please keep the appliance away from any flammable or explosive objects and substances. Do not store or use any such items in the vicinity of this unit.
- This appliance should not be operated by persons with insufficient experience or knowledge of the equipment (including children), nor should it be used by those with physiological, perceptual, or mental disabilities without proper supervision.
- Keep children away from the appliance for their safety.
- Always keep this manual accessible. When transferring possession of the appliance to a third party, the manual must also be handed over. All users must operate the unit in compliance with this manual.
- Any nearby walls, surfaces, kitchen supplies, etc. should be non-combustible and heat-resistant. Please pay special attention to fire prevention regulations.

CONTENTS

Installation Instructions: 3

Operating Instructions: 4

Maintenance Instructions: 7

Troubleshooting: 8

Product Specification: 9

Exploded View & Part List: 10 & 11

Warranty: 12

//// SHIPPING DAMAGE CLAIM PROCEDURE

The equipment is inspected & crated carefully by skilled personnel before leaving our factory. The transportation company assumes full responsibility for safe delivery upon acceptance of this equipment. If shipment arrives damaged:

- 1. Visible loss or damage:** Note on freight bill or express delivery and have signed by person making delivery.
- 2. File claim for damages immediately:** Regardless of the extent of damages.
- 3. Concealed loss or damage:** If damage is noticed after unpacking, notify the transportation company immediately and file "Concealed Damage" claim with the transportation carrier. This should be done within fifteen (15) days from the date of delivery and receipt of goods. Retain container for inspection.

//// INSTALLATION INSTRUCTIONS

- Installation of all equipment should be performed by qualified, certified, and authorized personnel who are familiar and experienced with local installation codes.
- Before installation, please read instructions completely and carefully.
- Do not remove permanently affixed labels, warnings, or plates from the product.
- Please observe all local and national codes and ordinances.
- Installation must conform with local codes, or in the absence of local codes, the National Fuel Gas Code, ANSI Z223.1 (latest edition). In Canada, installation should conform to installation codes for gas burning appliances and equipment standard CAN/CGA-B149.1 or the propane installation code, CAN/CGA-B149.2, as applicable.
- Electrical wiring to the appliance must be electrically grounded in accordance with local codes or in the absence of local codes with the National Electrical Code ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.2, as applicable.
- A manual gas shut-off valve must be installed in the gas supply line ahead of the appliance and gas pressure regulator for safety and ease in servicing.
- The gas pressure regulator supplied must be installed on the appliance prior to connecting the equipment to the gas line. Failure to install a regulator could be potentially hazardous and will void the appliance warranty.
- The appliance and its individual shut off 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 (3.45kpa).
- The appliance must be isolated from gas supply piping system, by closing its individual manual shut off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½ psi (3.45kpa).

OPERATING INSTRUCTIONS

- Operation of this equipment must be performed by qualified or authorized personnel who have read and are familiar with the functions of the equipment.

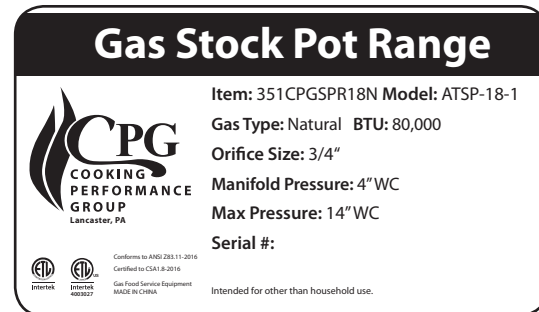
MAINTENANCE

- To perform maintenance and repairs of the appliance, please contact the factory, factory representative, or the nearest authorized local service company to get proper repairs.

RATING PLATE

- Information on this plate includes the model, serial number, BTU/hour input of the burners, operating gas pressure in inches WC, and whether the appliance is fitted for natural gas or liquid propane. When communicating with the factory about a unit or requesting special parts or information, rating plate data is essential for proper identification.

**COOKING PERFORMANCE GROUP
COOKING APPLIANCES MUST BE
CONNECTED ONLY TO THE TYPE OF GAS
IDENTIFIED ON THE RATING PLATE**



CLEARANCES

- The appliance area must be kept free and clear of all combustible materials, and placed horizontally on a non-skid surface.

CPG MODEL	Non-Combustible		
	Rear	Sides	Bottom
CPGSPR18L - Stock Pot Range	6"	6"	6"
CPGSPR18N - Stock Pot Range	6"	6"	6"

AIR SUPPLY & VENTILATION

- The area in front of, around and above the appliance must be kept clear to avoid any obstruction of the flow of combustion and ventilation air.
- Adequate clearance must be maintained around the appliance for easy servicing.
- Provisions should be made for any commercial, heavy duty cooking appliance to have its exhaust combustion waste products released to the outside of the building. The usual practice is to place the appliance under an exhaust hood, which should be constructed in accordance with local codes.
- Strong exhaust fans in this hood or in the overall air conditioning system can produce a slight vacuum in the room and / or cause air drafts, either of which can interfere with the pilot or burner performance and could be difficult to diagnose. Air movement should be checked during installation. Air openings or baffles may have to be provided in the room, if pilot or burner outage problem persists.

GAS CONNECTION

- The gas supply (service) line must be the same size or greater than the inlet line of the appliance. Cooking Performance Group appliances use a $\frac{3}{4}$ " NPT inlet. Sealant on all pipe joints must be resistive to liquid propane or natural gas. This range uses NG32 and LP49 connections for gas nozzles.

MANUAL SHUT OFF VALVE

- This installer supplied valve must be in the gas service line ahead of the appliance regulator in the gas stream and in a position accessible in the event of an emergency.

PRESSURE REGULATOR

- Commercial cooking equipment must have a pressure regulator on the incoming service line for safe and efficient operation, since service pressures may fluctuate on local demand. A pressure regulator is packed inside every Cooking Performance Group appliance.
- **FAILURE TO INSTALL THE PRESSURE REGULATOR WILL VOID THE APPLIANCE WARRANTY.**
- The regulators supplied along with Cooking Performance Group appliances, will have $\frac{3}{4}$ " inlet/outlet openings and are adjusted at the factory for 4" WC (natural gas) or 10" WC (liquid propane gas) depending on customer's ordering instructions.
- Prior to connecting the regulator, check the incoming line pressure, as these regulators can only withstand a maximum pressure of $\frac{1}{2}$ " psi (14" WC). If the line pressure is beyond this limit, a step down regulator will be required.
- The arrow shown on the bottom of the regulator body shows the gas flow direction, it should point downstream to the appliance. The red air vent cap on the top is part of the regulator and should not be removed.
- Any adjustments to the regulator should be made only by qualified service personnel with the proper equipment.

CONNECTIONS

- Please check installer supplied intake pipes visually and / or blow them with compressed air to clear any dirt particles, threading chips or any other foreign matter before installing a service line. When gas pressure is applied, these particles could clog orifices. All connections must be sealed with a joint compound suitable for LP and natural gas, and all connections must be tested with a soapy water solution before lighting any pilots.

INITIAL PILOT LIGHTING



CAUTION: When lighting pilots and checking for leaks, do not stand with your face close to the combustion chamber.



- All Cooking Performance Group appliances are adjusted and tested before leaving the factory, effectively matching them to sea level conditions. Adjustments and calibrations to assure proper operation may be necessary on installation to meet local conditions or adapt to low gas characteristics; correct possible problems caused by rough handling or vibration during shipment and are to be performed only by qualified service personnel. These adjustments are the responsibility of the customer and / or dealer and are not covered by our warranty.
- Check all gas connections for leaks with a soapy water solution before lighting any pilots.

LIGHTING & SHUTDOWN

- Turn the control valve to position 0, or OFF.
- Make sure all knobs are in a closed state.
- Wait for 5 minutes.
- Turn pilot valve(s) by adjusting the screw counter clockwise, then light standing pilot and adjust flame ¼ inch high.
 - If not lit immediately, wait 1 minute for existing gas in pipe to disperse, and try again after 1 minute.
- Turn ON gas valve(s) to light the main burner.
- For complete shutdown, shut OFF gas valve(s) and turn pilot valve(s) by adjusting the screw clockwise to shut off gas to the pilot(s).
- Wait 5 minutes before next use.

ENERGY CONVERSION

- Turn off range, remove all objects, and disconnect energy source.
- Remove control panel, cooking grates, pilot light head, and burner
- Remove main energy nozzle and replacement with other gas source by screwing it in clockwise.
- Reinstall burner, pilot light head, cooking grates, and control panel in proper order.
- Have authorized technician adjust input appropriately.

ADJUST AIR INPUT

- Remove control panel and unscrew damper solid screw
- Rotate damper to desired opening, observe flame, and adjust to appropriate degree
- Tighten screw damper solid screw to ensure equipment will not get loose in transportation
- Reinstall control panel.

/// CLEANING & MAINTENANCE

Any equipment works better and lasts longer when maintained properly. Cooking equipment is no exception. Your Cooking Performance Group appliance must be cleaned on a daily basis.

DAILY MAINTENANCE

BURNERS

1. Turn off range, remove all objects, and disconnect energy source.
2. Remove all top grates.
3. Lift off the burner heads by raising the head slightly, sliding to the rear or the range, and lifting upwards.
4. Wash off the above in hot soapy water.
5. Re-install burner parts in reverse order.
6. Wipe body, panel, and control knobs with mild detergent.
7. Pull catch tray from front body, wipe away residue, and clean with mild detergent.

STAINLESS STEEL

- All stainless steel body parts should be wiped regularly with hot soapy water during the day, and with a liquid cleaner designed for this material at the end of each day.
- DO NOT USE steel wool, abrasive cloths, or powders to clean stainless surfaces.
- If it is necessary to scrape stainless steel to remove encrusted materials, soak in hot water to loosen the material, then use a wood or nylon scraper. DO NOT USE a metal knife, spatula, or any other metal tool to scrape stainless steel. Scratches are nearly impossible to remove.

DAILY MAINTENANCE

- Ensure your Cooking Performance Group range is checked by a qualified technician once a year for efficient operation of the appliance.

CONTACT THE FACTORY, FACTORY REPRESENTATIVE, OR A LOCAL SERVICE COMPANY TO PERFORM ALL MAINTENANCE AND SERVICE REPAIRS.

/// TROUBLESHOOTING

ISSUE	POSSIBLE CAUSES	REMEDIES
Pilot not lighting	Insufficient gas pressure in pipe	Contact local gas supply department
	Nozzle occlusion	Dredge nozzle
Pilot ignited, but not the main burner	Insufficient gas pressure in pipe	Contact local gas supply department
	Nozzle occlusion	Dredge nozzle
	Gas control valves broken	Replace control valves
	Low flame distance	Adjust distance
	Low flame	Adjust height of pilot light
Inconsistent burning	Insufficient gas pressure in pipe	Contact local gas supply department
	Nozzle does not match gas requirements	Adjust nozzle diameter
	Flow of connection pipe is not adequate	Increase pipe's allowable flow
	Damper opening degree is too large	Adjust damper
Yellow flame and/or black smoke	Incorrect gas	Change gas
	Nozzle does not match gas requirements	Adjust nozzle diameter
	Not enough air to ignite	Increase damper opening degree
	Gas spikes and floats	Turn down valve flow

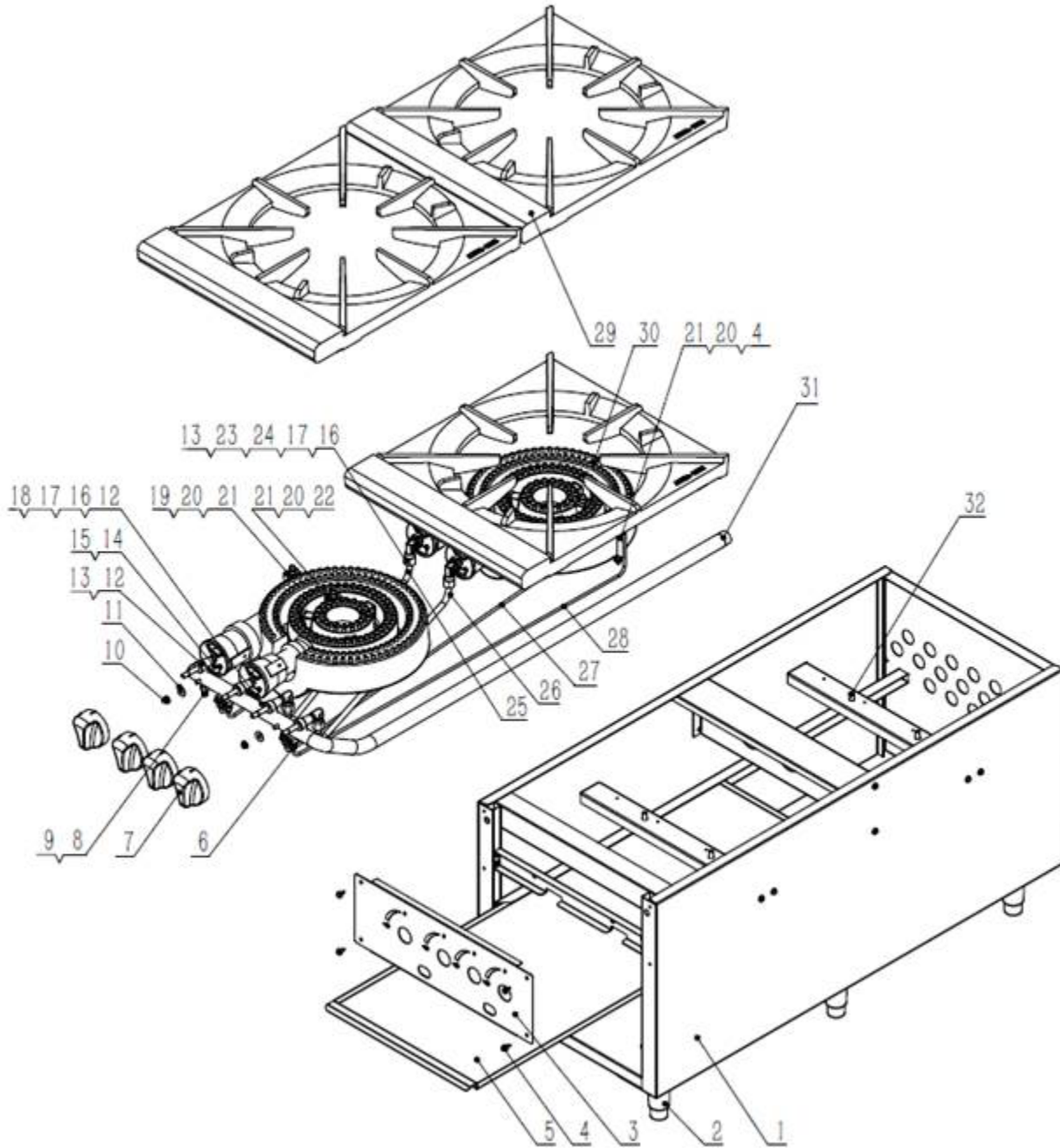
THE PROBLEMS MENTIONED ABOVE ARE FOR REFERENCE ONLY. IF ANY FAULT OCCURS, STOP USING THE MACHINE IMMEDIATELY AND CONTACT AN AUTHORIZED TECHNICIAN TO CHECK AND MAKE REPAIRS.

/// SPECIFICATIONS

MODEL	CPGSPR18L	CPGSPR18N
EXTERIOR DIMENSIONS	18" x 20.9" x 22.8"	18" x 20.9" x 22.8"
PACKING DIMENSIONS	20.9" x 24.8" x 25"	20.9" x 24.8" x 25"
NET WEIGHT	110.0 Lb.	110.0 Lb.
GROSS WEIGHT	120.0 Lb.	120.0 Lb.
# OF BURNERS	1	1
GAS TYPE	Liquid Propane	Natural Gas
INTAKE TUBE PRESSURE	4"WC	10"WC
BTU TOTAL	80,000	80,000
NOZZLE NO.	LP49	NG32
IGNITION TYPE	Manual	Manual
VALVE TYPES	Pilot Light	Pilot Light
TEMPERATURE CONTROL	None	None
TOP GRADE DIMENSIONS	17.9" x 20.9"	17.9" x 20.9"

**SPECIFICATIONS MAY VARY DEPENDING ON MODEL
AND ARE SUBJECT TO CHANGE AT ANY TIME.**

EXPLODED VIEW



THE VIEW ABOVE IS FOR A 2 MODEL BURNER. MODELS CPGSPR18L AND CPGSPR18N FEATURE A SINGLE BURNER, SMALLER DESIGN, AND FEWER PARTS.

/// PARTS LIST

#	Part Code	Our Item #	Description	QTY
2	301110007	351PSPRLEG	Adjustable steel legs	4
5	21106001010	351PCPG5	Catch tray	1
6	301030007	177PAG15	Pilot light valve-double unit	1
7	301140001	177PAG4	Control Knob	2
8	301060001	351PCPG8	Needle type pressure joint	1
9	301060002	351PCPG9	Needle type pressure joint screw arbor	1
12	301030002	177PAG24	Control Valve	2
13	301040012	351ORIFICE32	A18 nozzle NG32	2
16	301080007	351PCPG16	Brass nut	0
17	301070011	351PCPG17	Brass hoop	0
18	301050015	351PCPG18	Brass street elbow	0
19	21106002013	351PCPG19	Front burner outer pilot intake-tube	1
20	301060003	351PCPG20	Pilot light head	2

LIMITED WARRANTY

Cooking Performance Group warrants its new product(s) to be free from defects in material and workmanship for a period of one (1) year from the date of delivery. Equipment sold and installed for residential use or outside the continental United States is excluded from this warranty. This warranty is limited to product(s) sold to the original commercial user. The liability of **Cooking Performance Group** is limited to, at Cooking Performance Group's option, the replacement of any equipment found by **Cooking Performance Group** to be warranted herein.

Cooking Performance Group assumes no responsibility for any product not installed properly in accordance with the instructions supplied with the equipment. Any equipment which has been modified by unauthorized personnel or changed from our original design is not covered under this Warranty. Furthermore, **Cooking Performance Group** assumes no obligation for any product which has been subject to misuse, abuse, or harsh chemicals. Normal maintenance as outlined in the instructions is the responsibility of the owner-user and is not a part of this warranty.

Cooking Performance Group shall not be liable whether in contract or in tort or under any other legal theory, for loss of revenue or profit, or for any substitute use or performance, or for incidental, indirect, special or consequential damages, or for any other loss or cost of similar type. Proper installation, initial check out, air shutter adjustments, or normal maintenance such as lubrication, adjustment or calibration of controls is the responsibility of the dealer, owner/user or installing contractor and is not covered by this warranty.

