



FIRERETAINMENT[®]

OWNER'S MANUAL



WARNING: FOR OUTDOOR USE ONLY

CODE AND SUPPLY REQUIREMENTS: THIS OUTDOOR FIRE TABLE MUST BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES, OR IN THE ABSENCE OF LOCAL CODES, WITH THE NATIONAL FUEL GAS CODE. ANSI Z223.1



WARNING: IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS:

Do not try to light any appliance.
Do not touch any electrical switch; do not use any phone in your building.
Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
If you cannot reach your gas supplier, call the fire department.
Installation and service must be performed by a qualified installer, service agency or the gas supplier.



WARNING:

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operation and maintenance instructions thoroughly before installing or servicing this equipment.

This appliance is designed as an "attended appliance". Adults must be present when the unit is operating. **DO NOT** leave this unit burning when unattended. If this product is left burning unattended it may cause damage or serious injury.

INSTALLER & CONSUMER

These instructions **MUST** be retained with this appliance.

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FOR INFO CALL: 1.888.769.3444

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IMPORTANT SAFETY INFORMATION

READ THESE INSTRUCTIONS COMPLETELY BEFORE INSTALLING THIS OUTDOOR FIRE TABLE.

If not installed and used correctly per these instructions, this product can cause serious injury.

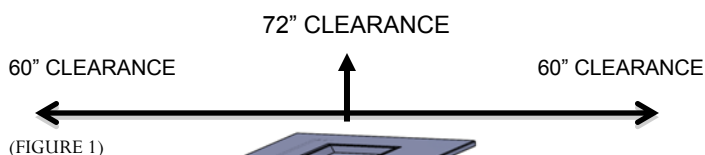
CAUTION: INSTALLATION, MODIFICATION AND REPAIR MUST BE DONE BY A QUALIFIED, PROFESSIONAL INSTALLER.

Be sure you understand all safety precautions and warnings contained in this manual.

- FOR OUTDOOR USE ONLY. THIS UNIT MUST BE INSTALLED AT LEAST 60" FROM CENTER OF BURNER TO ANY COMBUSTIBLE WALLS OR MATERIAL.
- CHECK STATE AND LOCAL CODES TO DETERMINE IF THE OUTDOOR FIRE TABLE IS PERMITTED IN YOUR LOCALITY BEFORE INSTALLATION.
- **WARNING: CARBON MONOXIDE POISONING MAY LEAD TO DEATH. DO NOT MODIFY THIS OUTDOOR FIRE TABLE OR ITS CONTROLS, EXCEPT AS PROVIDED FOR IN THIS MANUAL.** Any other change may be dangerous. Improper installation or use of your outdoor fire table can cause serious injury or death from fire, burns, explosions or carbon monoxide poisoning.
- When shutting the unit down—be sure to TURN THE CONTROL VALVE FULLY OFF.

MINIMUM CLEARANCE TO COMBUSTIBLES

Clearance of 60" on all surrounding sides and 72" above the table.



Clearances to Combustible Construction:

Sidewalls: 60" from center of unit (Figure 1)
Flooring: 0" – Can be installed on deck, slab, floor, etc.

Ceiling: 72" from the top of unit (Figure 1)

**KEEP BOTTOM OF FIRE TABLE VENT
OPENINGS CLEAR AT ALL TIMES.**

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IMPORTANT SAFETY INFORMATION

INSTALLATION AND PREPARATION SAFETY GUIDELINES

- The fire table is for outdoor use only. **DO NOT** install or use this fire table inside a building, garage, or any other enclosed area including recreational vehicles and/or boats. **This unit must be installed in such a manner that proper air ventilation is maintained without obstruction at all times and during all weather conditions.**
- Before installing this fire table, check "Minimum Clearance to Combustibles" on page 2. **MINIMUM CLEARANCES** must be maintained when you install this fire table. **THERE MUST BE AT LEAST 60"** from the center of the burner to any combustible sidewall and **72"** from any overhang.
- Ensure that the fire table installed in such a manner that the vent opening at the base of unit remains obstacle-free at all times and during all weather conditions.
- **DO NOT USE IF GAS PRESSURE IS LOWER THAN THE MINIMUM REQUIREMENT OR EXCEEDS THE MAXIMUM.**
- **FOR NATURAL GAS:** The minimum inlet gas supply pressure for purposes of input adjustment is **5 inches** water column and maximum inlet gas supply pressure is **10 inches** water column. **FOR PROPANE:** The minimum inlet gas supply pressure for purposes of input adjustment is **8 inches** water column and the maximum inlet gas supply pressure is **13 inches** water column. A standard 20 lb. portable propane tank can be connected to the table. **DO NOT INSTALL THIS UNIT IF MINIMUM PRESSURE IS NOT AVAILABLE OR IF MAXIMUM PRESSURE IS EXCEEDED.**
- Gas piping system must be sized to provide minimum inlet pressure at the maximum flow rate (BTU/hr). Undue pressure loss will occur if the pipe is too small or the run is too long.
- The fire table and its main gas valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½ psig. This is accomplished by closing the gas supply line valve, as required by NFPA 54, section 5-54.
- **GAS SUPPLY PLUMBING REQUIREMENTS:** Apply only joint compounds that are resistant to all gasses on all male pipe fittings. Make sure to tighten every joint securely. Do not use pipe joint compound to connect flare fittings.
- The fire table must be isolated from the gas supply piping system by closing its equipment shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½ psig.
- For installations at elevations above 2,000 ft., contact your local dealer or gas supplier before installing as input ratings should be reduced approximately 4% for each 1,000 ft. above sea level. Refer to the National Fuel Gas Code. **Contact the factory for the required orifice.**
- **INSTALLER NOTE:** This unit should be installed so that it can be removed at a later date for service.

SAFETY NOTE: An external on/off valve in the gas line is required for safety when your fire table is not in use. It also provides for convenient maintenance and repair.

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INSTALLATION INFORMATION

CONNECTING THE GAS TO THE FIRE TABLE

BEFORE PROCEEDING, CAREFULLY READ ALL OF THE IMPORTANT SAFETY INFORMATION CONTAINED IN THIS OWNER'S MANUAL, INCLUDING:

- Pre-Installation and fire table Preparation Safety Guidelines (page 3).
- Minimum Clearance to Combustibles (page 2).
- All portable propane tank safety information should be followed while handling any propane storage tank (guidelines provided by propane tank manufacturer).

BEFORE INSTALLATION, BE SURE THE PROPANE TANK IS TURNED OFF.

- To connect to the propane gas tank, attach the stainless steel hose (with regulator) and tighten down the connector. Follow all instructions and safety warnings supplied with the propane tank as well as make sure that the propane hoses are connected to the burner pan.
- Turn on the gas to the burner system and test for leaks with soapy water solution. **(Never use an open flame for testing). If a leak is found, tighten the connector until no leaks are detected.**
- The stainless steel hose should be inspected before each use of the fire table.
- The hose assembly must be replaced prior to the fire table being put into operation if there is evidence of excessive abrasion or wear, or if the hose is damaged.
- The replacement hose shall be that specified by the manufacturer.
- Properly locate the gas hose out of pathways where people may trip over it or in areas where the hose may be subject to accidental damage.
- Carefully inspect the burner for shipping damage. If any parts are missing or damaged, call your representative. **Do not attempt** to install the fire table unless all parts are in good condition. Empty all delivered bags of fire glass into the burner pan after installation.
- Due to high temperatures, the fire table must be located out of traffic areas and away from any combustibles. Fire glass is should be filled to the lip in the burner pan for proper operation (see "Clearance from Combustibles" on page 2)

SAFETY NOTE: An external on/off valve in the gas line is required for safety when your fire table is not in use. It also provides for convenient maintenance and repair.

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INSTALLERS OF ANY FIRERETAINMENT PRODUCTS MUST BE LICENSED, CERTIFIED, AND FAMILIAR WITH ALL LOCAL CODE REQUIREMENTS.

ALL TABLES COME PRE-ASSEMBLED FOR LP APPLICATIONS (BELOW). PLEASE REVIEW THE INFORMATION ON THE NEXT PAGE TO CONVERT YOUR FIRERETAINMENT TABLE TO BURN NATURAL GAS.

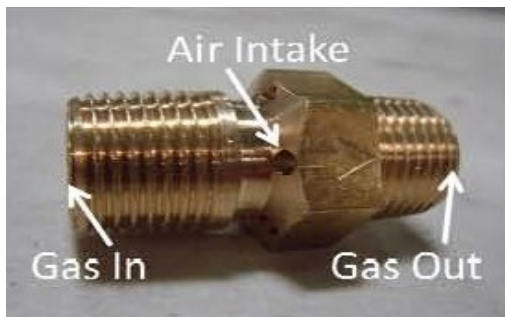
LP—PROPANE ASSEMBLY INSTRUCTIONS

WARNING: Confirm “Gas In” is towards the control valve or shutoff valve. Installing backwards will result in a severe gas leak and risk of explosion.

WARNING: A pan **MUST** be used on LP systems and configured in a way to minimize fuel settling below the pan. Failure to do so may result in personal injury or explosion.

1. Ensure gas to the fire pit location is shutoff.
2. Remove parts from the packaging material and inspect for any signs of damage or corrosion.
3. If re-assembling a burner assembly strictly follow the assembly setup instructions below.
4. Call manufacturer for clarification as needed.
5. Apply pipe dope or gas rated tape to all threaded connections.
6. Perform a leak test on all fittings and back pressure checks for LP with media installed.

LP AIR-MIXER ORIFICE



UNDER PAN CONFIGURATION



LP GAS SUPPLY PRESSURE:

(Gas pressure and type should be checked prior to use or installation)

MINIMUM = 8.0” W.C.

MAXIMUM = 11.0” W.C.

LP BURNER ASSEMBLY SETUP

- PENTA 12” BURNER >
- NIPPLE >
- BURNER PAN >
- COUPLER >
- LP ORIFICE >
- 90 DEGREE ELBOW >
- 24” SS NON-WHISTLING CONNECTOR >
- MIXING VALVE >
- LP REGULATOR W/ 3/64” SS BRAIDED

HOSE CONNECTION TO LP TANK

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ANY MODIFICATIONS OR INSTALLERS OF ANY FIRECONTAINMENT PRODUCTS MUST BE LICENSED, CERTIFIED, AND FAMILIAR WITH ALL LOCAL CODE REQUIREMENTS.

ALL TABLES COME PRE-ASSEMBLED FOR LP APPLICATIONS. PLEASE REVIEW THE INFORMATION ON THIS PAGE TO CONVERT YOUR FIRECONTAINMENT TABLE TO BURN NATURAL GAS.

NATURAL GAS—ASSEMBLY INSTRUCTIONS

WARNING: Confirm “Gas In” is towards the control valve or shutoff valve. Installing backwards will result in a severe gas leak and risk of explosion.

WARNING: A pan MUST be used on LP systems and configured in a way to minimize fuel settling below the pan. Failure to do so may result in personal injury or explosion.

1. Ensure gas to the fire pit location is shutoff.
2. Remove parts from the packaging material and inspect for any signs of damage or corrosion.
3. If re-assembling a burner assembly strictly follow the assembly setup instructions below.
4. Call manufacturer for clarification as needed.
5. Apply pipe dope or gas rated tape to all threaded connections.
6. Perform a leak test on all fittings and back pressure checks for LP with media installed.

NATURAL GAS SUPPLY PRESSURE:

(Gas pressure and type should be checked prior to use or installation)

MINIMUM = 3.5” W.C.

MAXIMUM = 7.0” W.C.

UNDER PAN CONFIGURATION



NG BURNER ASSEMBLY SETUP

- PENTA 12” BURNER >
- NIPPLE >
- BURNER PAN >
- COUPLER >
- NG ORIFICE >
- 90 DEGREE ELBOW >
- 24” SS NON-WHISTLING CONNECTOR >
- SHUTOFF VALVE (CUSTOMER PROVIDED) >
- TECHNICIAN TO PIPE FROM SHUTOFF VALVE TO SUPPLY LINE

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OPERATING INSTRUCTIONS

We recommend that before you install your fire table you familiarize yourself with the control valve layout. This will help you be more confident when operating your fire table when fully installed (see figures below for typical control positions).



WARNING: IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

BEFORE LIGHTING smell all around the fire table area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS FOLLOW THE INSTRUCTIONS ON PAGE 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand. **DO NOT** try to repair it. Call a qualified, professional service technician. Force or attempted repair may result in fire or explosion.

DO NOT use this fire table if any part has been under water. Immediately call a qualified, professional service technician to inspect the fire table and to replace any part of the control system and any gas control that has been under water.

LIGHTING INSTRUCTIONS

Turning on the fire table:

- Push in the manual gas control knob slightly and turn counter-clockwise to the "ON" position.
- Wait 5 minutes for gas to clear out.
- Place a burning match to the surface of the fire glass that covers the burner. Do not hold the match by hand.
- Turn your propane tank valve to the "ON" position
- After the match is burning and in position, push in the manual gas control knob slightly, and slowly turn the knob counter-clockwise to the "ON" position.

Shutting off the fire table:

- Push in the manual gas control knob slightly and turn clockwise to the "OFF" position.
- After the flame has gone out wait at least 5 additional minutes for the gas to clear out.
- After the fire table has completely shut off and is cool turn your propane tank to the "OFF" position to ensure no propane is leaking while not in use.

CAUTION: DO NOT turn the main gas valve knob to the "ON" position **FOR 45 SECONDS** after shutting the unit off.

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OPERATING INSTRUCTIONS

- Young children **MUST** be supervised when in the vicinity of this fire table.
- **DO NOT** sit or place any part of your body or any combustible materials on the fire table while in use. Children and adults should be alerted to the hazard of high surface temperatures and should, when in use, stay away to avoid burns or clothing ignition.
- Every time you use your fire table make sure that the area around the table is clear of flammable items such as gasoline, yard debris, wood, etc.
- **WARNING: HOT WHILE IN OPERATION AND FOLLOWING OPERATION.** Children must be carefully supervised when in the vicinity of this appliance. Serious injury may occur. **DO NOT** throw trash, paper, or other flammable materials onto your fire table. **DO NOT** leave in operation when unattended.
DO NOT operate this fire table in the rain.
- **SOLID FUEL MUST NOT BE BURNED** in the fire table or enclosure where your fire table is installed.
- **DO NOT** continue using if you smell unusual odors or have headaches, nausea or are dizzy.
- **DO NOT** store any combustible materials, gasoline, and any other flammable vapors/liquids around the area of your fire table. Provide adequate clearance for servicing and operation.
- **DO NOT** place clothing or any flammable material on or near your fire table while in use. Matches, paper, garbage, or any other material must not be thrown on top of the glass, burner, or into the flame.
- **DO NOT** block the airflow through the vent openings located at the bottom of fire table.
- **DO NOT** use your fire table if any part of it has been under water. Immediately call a qualified service technician to inspect the set and to replace any part of the control system and any gas control that has been under water.
- Installation and repair should be done by a qualified service person. The fire table should be inspected before use or at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that the control compartment, burners and circulating air passageways of the fire table be kept clean.
- Periodically make a visual check of the burner's flames.
- **DO NOT** operate the fire table in windy conditions. This can cause injury or granite top to fissure.
- **DO NOT ALLOW THE GRANITE TOP TO GET HOT DURING OPERATION!** This can result in cracking the granite which is not covered under the factory warranty. If the granite gets hot reduce the heat exposure as slow as possible to avoid the granite cooling too quickly and cracking
- **CAUTION:** be sure to not touch the underside of the burner pan after use when shutting off the propane tank. Wait until the table has cooled completely before shutting off propane.
- **DO NOT** lift the glass wind guard after use. Clamps may become loose after use, make sure ALL glass clamps are secure after each use of the glass wind guard.
- **BE CAREFUL** not to scratch the bottom of the burner pan with the lazy Susan mount legs, this is not covered under the Firetainment warranty. Warranty does not cover scratches or rust caused by scratches.
- **DO NOT** clean any of the table's surfaces with abrasive materials, this will potentially scratch a finished surface and IS NOT covered under any warranty.

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ADDITIONAL WARNINGS

- **MUST** have 1 1/2" clearance from the bottom of the base to the floor for ventilation.
- **DO NOT** reach under burner pan while hot to disconnect or turn off gas connection until the table has completely cooled.
- **DO NOT** remove glass wind guard until it has completely cooled.
- **DO NOT** lift the glass wind guard until hardware has been checked. Clamps may become loose after use, make sure ALL glass clamps are secure after each use of the glass wind guard.
- **DO NOT** touch glass filler while table is in use or hot. Allow time to cool down before handling the glass filler.
- **DO NOT** operate the fire table in windy conditions. This can cause injury or granite top to fissure.
- **DO NOT ALLOW THE GRANITE TOP TO GET HOT DURING OPERATION!** This can result in cracking the granite which is not covered under the factory warranty. If the granite gets hot reduce the heat exposure as slow as possible to avoid the granite cooling too quickly and cracking.
- **DO NOT** sit or stand on granite top.
- **MUST** read and follow instructions in cooking and accessory manual before cooking on the fire table.

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MAINTENANCE & WARRANTY INFORMATION

*All warranties apply to the original owner only and begin at the date of purchase. Proof of purchase is required with all claims.

BASE

The Firetainment base comes with a twenty (20) year structural warranty when properly maintained in ordinary home use. Firetainment will, at factory option, repair or replace any base that has failed structurally during normal use and regular maintenance.

POWDER COAT FINISH

Firetainment offers a seven (7) year warranty against blistering or peeling of the base finish under normal use and proper maintenance. Firetainment will, at factory option, refinish or replace your base if the above occurs within a seven year period from the date of purchase. Occasional rust seepage from crevices and hidden unfinished surfaces inherent in some designs is considered a care and maintenance function and is not considered a finish failure. To retain the warranty regular care and maintenance is required. Extra care and maintenance is required in coastal areas.

TABLE TOPS

Granite is extremely durable and once positioned onto the base only consequential (accidental) damage or misuse can damage the granite. Misuse of the table includes, but not limited to: sitting or standing on the table top; operating under windy conditions which can blow the flame onto the granite which can cause the granite to crack. It is recommended to use a tempered glass wind guard under windy conditions; however, this is not a full proof deterrent. It is recommended to periodically check the granite near the burner pan to be sure it is not getting too hot. If you notice the granite is getting hot then slowly turn the flame down.

COMPONENT PARTS

Outdoor fire pit burners, valves, and structural defects of pan: Firetainment extends a five (5) year warranty on all burner components under normal use and proper maintenance. Firetainment will, at factory option, repair or replace any outdoor fire pit burner found to be defective during this warranty period. Regular maintenance must be exercised as set forth in the owner's manual.

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Warranty Information

(Continued)

ITEMS NOT COVERED UNDER WARRANTY (RESIDENTIAL AND COMMERCIAL)

- This warranty does not apply to any damage caused by shipping, accidents, fading, staining, natural weathering, misuse, alterations or repairs. No other person is authorized to assume liability on behalf of Firetainment, and in no event shall Firetainment be liable for any contributory or subsequent damage related to the merchandise purchased from Firetainment.
- Any failure caused by unreasonable use or abuse.
- Rust seepage or bleeding from crevices or hidden, non-finished surfaces inherent in some base designs.
- Rusting and/or oxidation of frames resulting from exposed metals that have been scratched, chipped or not maintained as outlined in the care and maintenance instructions.
- Natural fading, color variations, veining, crazing or hairlines, patinas or fillers necessary and inherent to certain types of natural stone.
- Normal fading of frame finish.
- Accidental damage (including fire, wind or other acts of God).
- Permanent stains caused by lotions, oils or other substances.
- Hard-water deposits or calcium build-up due to minerals found in regional water supplies.
- Table tops installed and/or used with other manufacturer's table bases, or incorrect installation of the base to the table top.
- Regular maintenance must be exercised as set forth in the care instructions.

RETURN OF TABLE OR ACCESSORIES

- Only items considered "stock items" are subject to return. All other items are considered Special Order items and are not returnable. No products may be returned without a Firetainment return goods authorization issued prior to return. Return goods authorizations are valid for thirty (30) days only. All returns are subject to inspection before being approved for credit— products must be in salable condition to be considered for return or replacement. A 30% restocking charge will apply to all returns.
- Prior authorization from the factory or factory representative is required. You must be the original purchaser and be able to provide proof of purchase when you make a claim. To submit a warranty claim contact the dealer where you purchased your furniture. If you are not sure how to contact the dealer contact our warranty department at CONTACT@FIRETAINMENT.COM
- Except as expressly provided herein, Firetainment makes no warranties, whether express or implied including, but not limited to, warranties of merchantability and fitness for a particular purpose. Firetainment's limited warranty claims may only be processed directly through Firetainment by the dealer who made the sale of the merchandise.

TROUBLE SHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION	NOTES
<u>Propane tank does not fill</u>	Propane tank was not purged properly	Take it to an authorized propane station and re-purge the propane tank	The purging process requires that all air is removed from the propane tank prior to the first fill
	The OPD float valve on the propane tank has been activated, closing the valve and not allowing the tank to fill.	Without the burner, attach the regulator to the propane tank, turn the control valve on for a few seconds to reset the OPD float valve	The OPD float valve is a safety device which is activated when the propane tank has been filled too quickly
<u>Smelling propane</u>	Set screw on the side of the propane tank valve assembly is not tight	Use a flat blade screwdriver to tighten the set screw	
	Control valve is not completely shut off	To shut it off, push in the control knob and completely turn it to the right	The far left position on the control valve is in the lowest setting, not in the OFF position
	Venturi tube is obstructed	Take out the straight portion of the venturi tube and remove the obstruction	
	Venturi tube is not correctly positioned on the control valve	Slide the venturi tube completely over the control valve assembly. The vents should be in the EAST / WEST position.	The vents are on the end of the straight tube.
<u>Flame problems:</u> <u>NO flame</u> <u>Intermittent flame</u> <u>Low flame</u>	The tank was not purged properly, it contains a mixture of air and propane. The result is intermittent flame, or flame extinguishes in a short period of time.	Burn off remaining propane and re-purge the tank	The purging process requires that ALL air is removed from the propane tank prior to the first fill to ensure maximum efficiency.
	In cooler temperatures, the liquid propane does not convert quickly enough to a gas therefore causing it to "freeze" the outside of the propane tank	Turn down the flame slightly to where the control valve is not wide open	
	The regulator was not properly attached to the propane tank	Disconnect the regulator and re-connect it properly to the propane tank	
	Venturi tube is obstructed	Take out the straight portion of the venturi tube and remove the obstruction	
	Flame setting too low	Turn control knob to the right for a higher flame setting	

CHECKING FOR POSSIBLE LEAKS

1. Remove the table top burner from the base.
2. Make sure the regulator is hooked up to the propane tank with the control valve turned OFF.
3. Turn the propane tank ON. Wait a few seconds a smell for possible leaks where the regulator hose is attached to the control valve or where the regulator is attached to the propane tank.
4. Use soapy water and apply to these areas to verify the leak source.

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