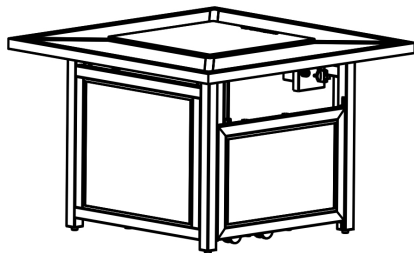




Agio Evanston Gas Firepit ASSEMBLY INSTRUCTIONS



Model#
18616406580

⚠ WARNING: It is UNSAFE to use this product for cooking!

⚠ DANGER
If you smell gas:
FIRE OR EXPLOSION HAZARD
If you smell gas:

- shut off gas to the appliance.
- Extinguish any open flame.
- if odor continues, leave the area immediately.
- After leaving the area, call your gas supplier or fire department.

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

Installer: Leave these instructions with consumer.
Consumer: Keep these instructions for future reference.

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

⚠ WARNING
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

⚠ 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.

⚠ WARNING: For Outdoor Use Only. Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

FOR USE WITH 9KG (20LB) PROPANE CYLINDER WITH TYPE 1 CONNECTION OR FOR USE WITH NATURAL GAS AFTER CONVERSION KIT IS INSTALLED (MUST BE PROFESSIONALLY INSTALLED).

⚠ DANGER

CARBON MONOXIDE HAZARD



This appliance can produce carbon monoxide which has no odor. Using it in an enclosed space can kill you. Never use this appliance in an enclosed space such as a camper, tent, car or home.

⚠ WARNING:
USE FACTORY APPROVED REPLACEMENT PARTS AND ACCESSORIES ONLY. USE OF UNAPPROVED PARTS OR ACCESSORIES CAN VOID THE WARRANTY ON THIS PRODUCT AND RESULT IN A HAZARDOUS CONDITION. PLEASE CONTACT US FOR INFORMATION REGARDING REPLACEMENT HOSES, THERMOCOUPLES, ELECTRODES, IGNITION MODULES, FIRE ICE, ETC.



Questions, Problems, Missing Parts? Before returning to your retailer, call our bilingual customer service department in Canada at 1-888-707-1880, Monday-Friday, 8:30 a.m. – 5 p.m. Eastern Time or visit www.agiocanada.ca

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IMPORTANT SAFETY INFORMATION

The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54; International Fuel Gas Code. ; Natural Gas and Propane Installation Code, CSA B149.1; or Propane Storage and Handling Code, B149.2, as applicable.

The appliance and its appliance main gas valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures over 1/2 psi (3.5kPa).

The appliance must be isolated from the gas supply piping system by closing its equipment shutoff valve during any pressure testing of the gas supply system at a test pressure equal to or less than 1/2 psi (3.5kPa).

The appliance area must be kept clear and free from combustible materials, gasoline and other flammable vapours and liquids.

Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

Children and adults should be alerted to the hazards of high surface temperatures and kept at a safe distance to avoid burns or clothing ignition.

Young children should be carefully supervised when they are anywhere near the appliance.

Clothing or other flammable material should not be hung from the appliance, or placed on or near the appliance.

Any screen or guard removed for servicing an appliance must be replaced before operating the appliance.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required as necessary. It is imperative that the control compartments, burners and circulating air passageways of the appliance be kept clean.


Do NOT burn solid fuels in this gas fireplace.

Do NOT ignite the burner before pouring all of the burner media (fire ice) into the burner pan. The media must be evenly distributed over the burner.

During the initial firing of the firepit, please stay away from the firepit for 20 minutes as fire media (fire ice) may pop and hit someone on the face or eyes

Do NOT ignite or use the firepit if the burner media (fire ice) are wet. Ensure the burner media are completely dry before igniting as intense heat could cause the media to crack and pop.

It is UNSAFE to use this product for cooking!

 **CAUTION:** The propane gas pressure regulator provided with this appliance must be used. This regulator is set for an outlet pressure of 11 inches water column.

This outdoor gas appliance is not intended to be installed in or on recreational vehicles and/or boats.

Before each use of this gas appliance, open the LP (Liquid Propane) Tank Drawer and inspect the LP Hose. If there is evidence of excessive abrasion or wear, or the hose is cut, it must be replaced before the gas appliance is put into operation. Use only the replacement hose assembly specified in this manual. Inspect the burner before each use of the appliance. The burner must be replaced before the appliance being put into operation if it is evident that the burner is damaged. Use only the burner listed in these instructions.

Keep the fuel supply hose away from any heated surfaces.

Furniture covers are a great way to protect your set from harsh elements of weather and UV light. However, it is important to ensure furniture and covers are free of moisture and debris before covering. It is also necessary to promptly uncover furniture after rain and during periods of high humidity to prevent moisture build-up. Failure to do so can lead to permanent surface and finish damage.

IMPORTANT SAFETY INFORMATION ABOUT PROPANE (LP) GAS

An LP-gas cylinder for use with this appliance must have a capacity of 20 lbs / 9kg. and must be equipped with a Type 1 connector and an OPD (overfill protection device). Figure 1

The LP-gas supply cylinder to be used must be constructed and marked in accordance with the specification for LP-gas cylinders of the U.S. Department of Transportation (DOT) or the National Standard of Canada, *CAN/CSA-B339, Cylinder, Sphere and Tubes for the Transportation of Dangerous Goods*.

- The cylinder supply system must be arranged for vapour withdrawal.
- The cylinder used must include a collar to protect the cylinder valve.
- This appliance shall be used only outdoors in a well-ventilated space and shall not be used in a building, garage or any other enclosed space.
- When this appliance is not in use, the gas must be turned off at the supply cylinder.
- Storage of this appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance.
- Cylinders must be stored outdoors in a well-ventilated area out of the reach of children. Disconnected cylinders must have threaded valve plugs tightly installed and must not be stored in a building, garage or any other enclosed areas.

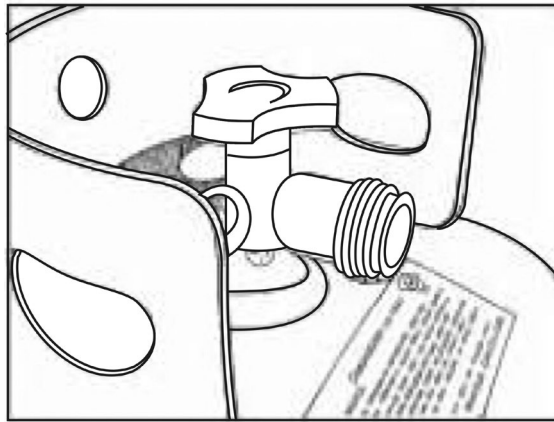

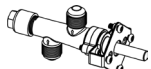



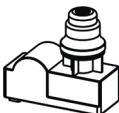






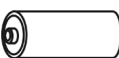










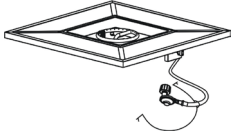
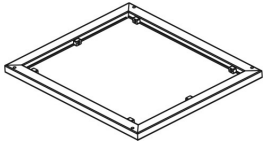
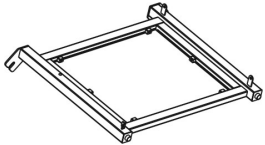
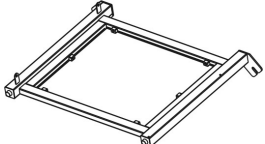
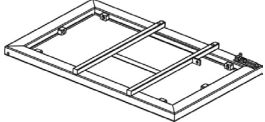
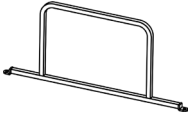
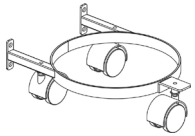



Figure 1

SPECIFICATIONS

The maximum inlet supply pressure is as follows: "Max. gas supply:6922 in wc (1723Kpa)"	
INPUT	40,000 Btu/hr(11.7kW)
Propane Regulator Pressure	11 in / 2.74 kPa water column
Natural Gas Minimum Inlet Pressure	7 in / 1.74 kPa water column

PARTS IDENTIFICATION LIST

Clearances to combustible surfaces		Sides 24 in / 60.96 cm	Top: 72 in / 182.88 cm	
	PART	DESCRIPTION	PART#	QTY
A		CONTROL KNOB	FP2329	1
B		GAS VALVE	FP2330	1
C		THERMOCOUPLE	FP2331	1
D		FLEX CONNECTOR	FP4210	1
E		ELECTRODE	FP4207	1
F		IGNITION MODULE	FP4206	1
G		LP REGULATOR HOSE	FP1916	1
H		ADJUSTABLE FOOT CAPS	FC0553	4
I		PROPANE ORIFICE	FP2251	1
J		NATURAL GAS ORIFICE	FP2206	1
K		FIRE ICE(TOTAL:8KG)	FP2147	2
L		AIR SHUTTER	FP1922	1
M		"AA" BATTERY(1.5V)	HW0905	1
N		1/4" X 15 MM BOLT	HW0034	12
O		1/4" X 20 MM BOLT	HW0036	4
P		BOLT COVER	HW0105	20
Q		Ø20 X Ø6.5 X 2.0 MM WASHER	HW0594	4
R		Ø6.5 X 1.0 MM WASHER	HW0004	14
S		NUTS	HW0717	2

T		HEX BOLT DRIVER	HW0006	1
U		HEX WRENCH	HW0008	1
V		FIREPIT TABLE TOP	FP2277	1
W		BACK PANEL	FP2278	1
X		SIDE PANEL-1	FP2279	1
Y		SIDE PANEL-2	FP2280	1
Z		DOOR PANEL	FP2281	1
AA		MIDDLE SUPPORT	FP2282	1
BB		LP SUPPORT	FP2283	1
CC		CONNECTOR	FP1124	2
DD		BURNER COVER	FP2284	1
EE		ORIFICE HOLDER	FP3573	1

INSTALLATION

1. Carefully unpack all items from the box. Place the base in the final position. There must be a minimum of 24 in / 60.96 cm of clearance from the side of the tabletop to any combustible walls.

2. Attach the back panel to the side panels (1 and 2) by using four 1/4"x15 mm bolts and Ø6.5x1.0 mm washers as shown in Figure 2. Guide the bolts through the holes in the back panel, into the pre-drilled holes in the side panels. **Hand tighten only.**

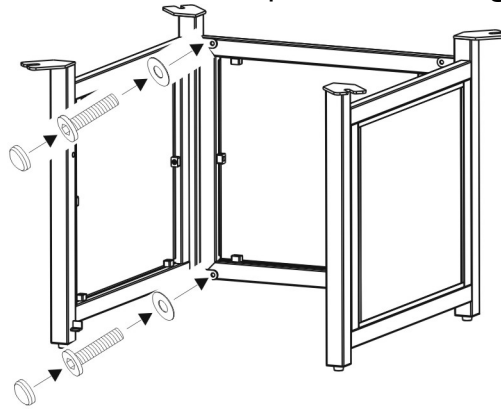


Figure 2

3. Attach the middle support to the side panels by using two 1/4"x15 mm bolts and Ø6.5x1.0 mm washers as shown in Figure 3. Guide the bolts through the holes in the middle support, into the pre-drilled holes in the side panels. **Hand tighten only.**

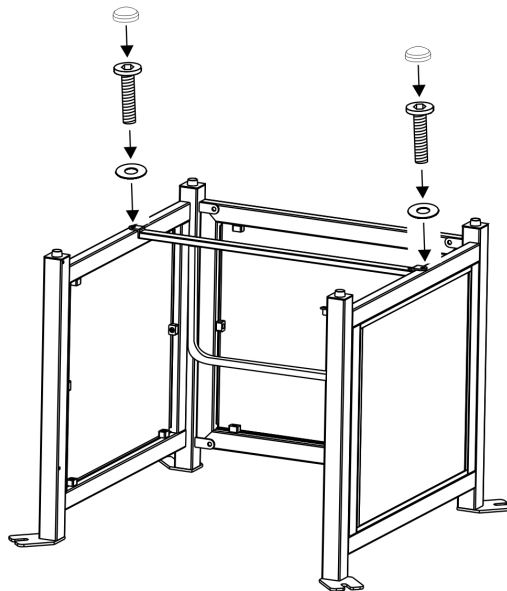


Figure 3

4. Attach a connector to the right side panel by using a 1/4"x15 mm bolt and washer as shown in Figure 4. Guide bolt through the hole in the connector, into pre-drilled hole in the right side panel. **Do not over-tighten.**

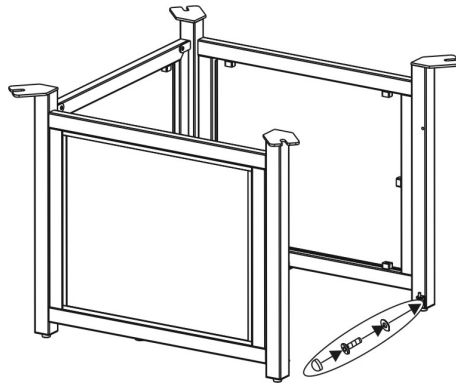


Figure 4

5. Put the door onto the bottom connector by guiding the pin on the connector into the hole under the door. Guide the pin on the top connector into the hole in the top side of the door. Use a 1/4"x15 mm bolt and washer to secure the top connector to the right side panel as shown in Figure 5. **Do not over-tighten.**

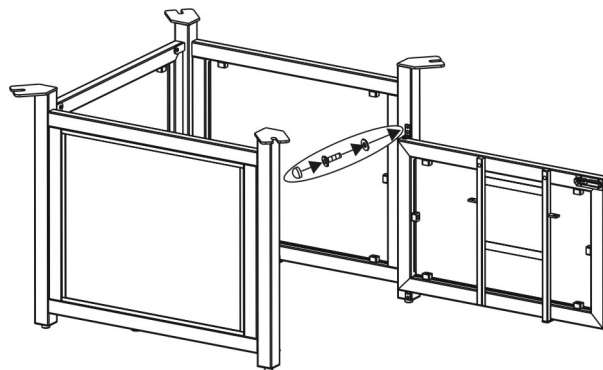


Figure 5

6. With the help of another person, carefully place the firepit tabletop onto the firepit base. After making any necessary adjustments to the alignment of the tabletop and the assembled base, use four 1/4"x20 mm bolts and Ø20xØ6.5x2.0 mm washers as shown in Figure 6. Guide the bolts through the holes in the base brackets, into the pre-drilled holes in the tabletop. **Do not tighten completely.**

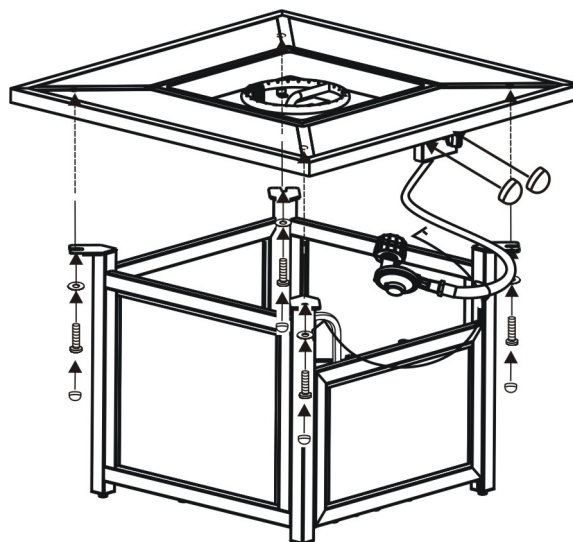


Figure 6

7. Attach the LP support to the door panel by using four 1/4"x15 mm bolts and Ø6.5x1.0 mm washers as shown in Figure 7. **Do not over-tighten.**

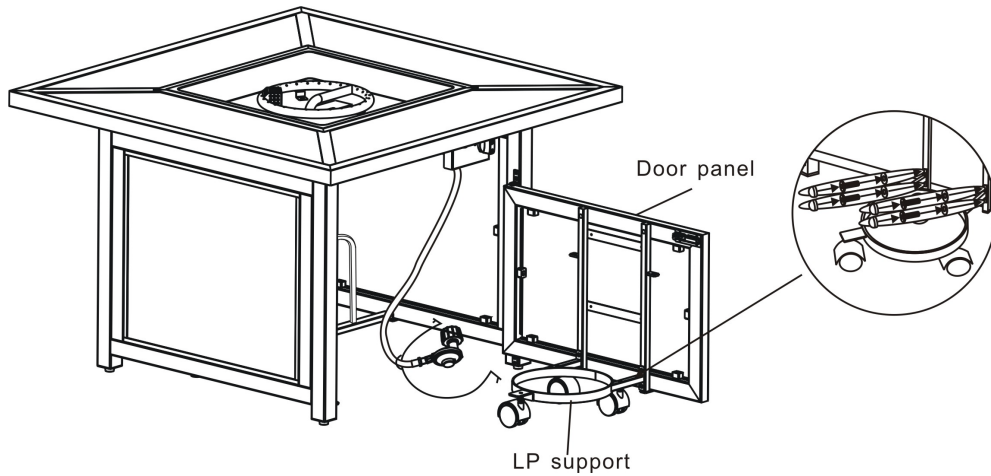


Figure 7

8. Place the gas tank onto the LP support as shown in Figure 8.

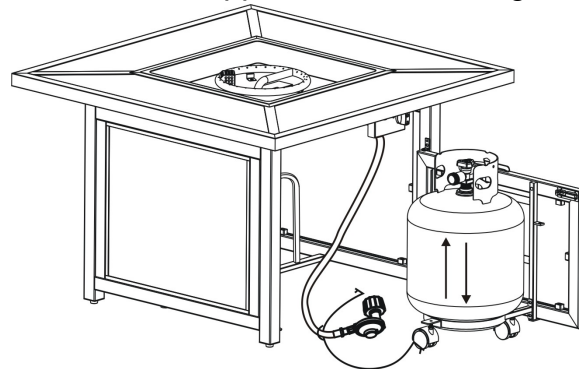


Figure 8

9. Attach the metal ring (as shown in Figure 9) pre-fitted with the gas hose which is connected to the tabletop, into the hole in the door panel, then use the hex wrench to turn the 1/4"x5mm nuts with Ø6.5x1.0 mm washers. The gas tank is now affixed as shown in Figure 9a. Connect the regulator as shown in Figure 10. Turn the black handle clockwise to tighten. Turn the handle counterclockwise to remove. The hose must point down. Check that the valve is turned all the way clockwise to the "OFF" position.

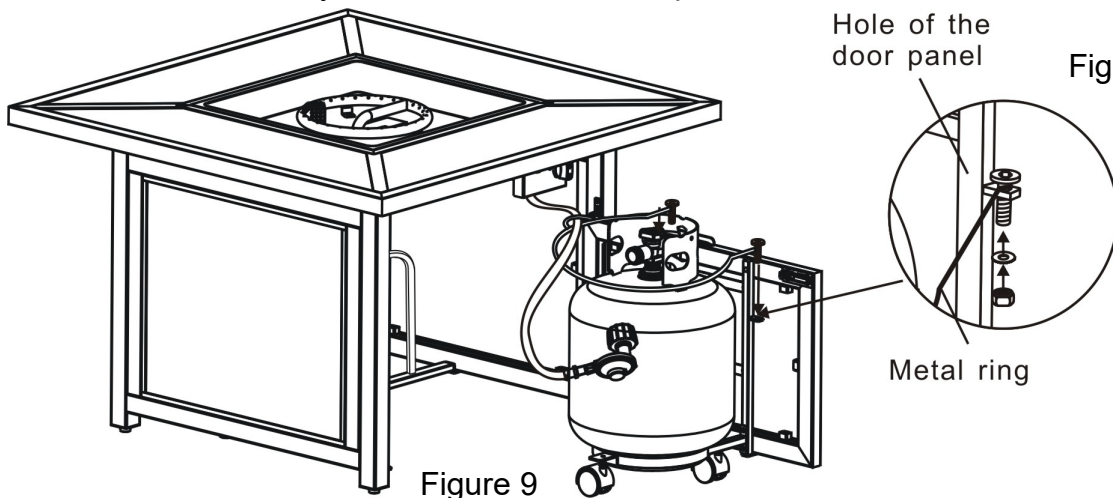


Figure 9

Figure 9a

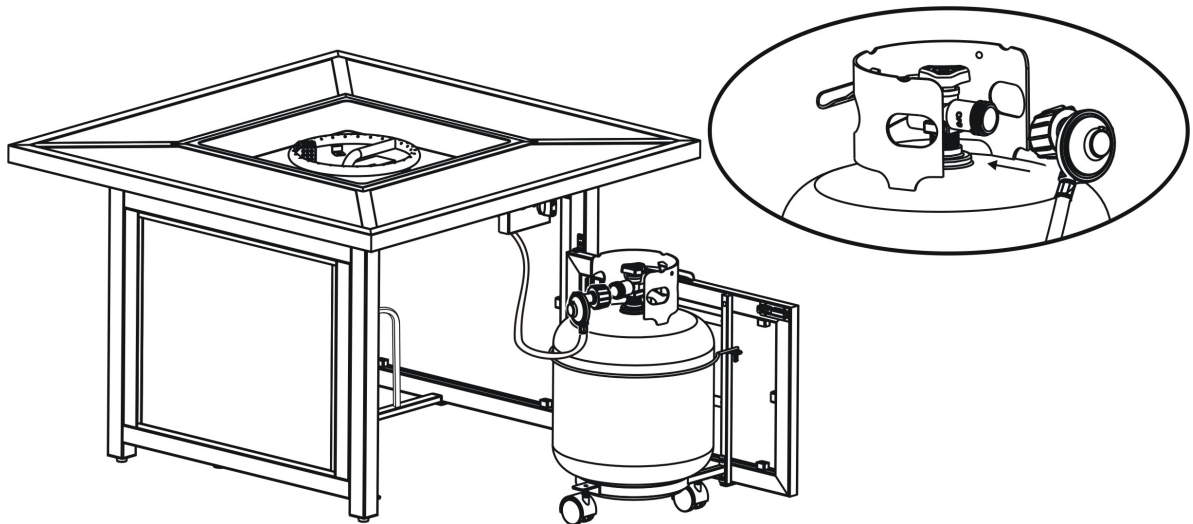


Figure 10

10. After making any necessary adjustments to the parts, use the hex bolt driver to tighten all bolts. Note: each bolt must be tightened a few revolutions at a time. Repeat until all bolts are tight. Do not over-tighten. Over-tightening may strip bolts. Cover all bolts with covers.

11. Pour ALL the provided media (fire ice) into the burner pan. The burner MUST be completely covered to ensure the appliance functions properly and safely. Remove any fire ice on top of the ignition well. See figure 11.

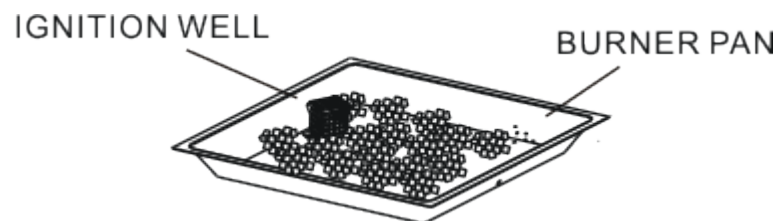


Figure 11

12. Open the tank valve. Apply a solution of soapy water to the tank-regulator connection and to the valve-hose connection to check for leaks as shown in Figure 12. If soap bubbles continue to form, the connection leaks. If a leak is found, close the tank valve and tighten all connections.

⚠ WARNING: NEVER USE A FLAME TO CHECK FOR LEAKS.

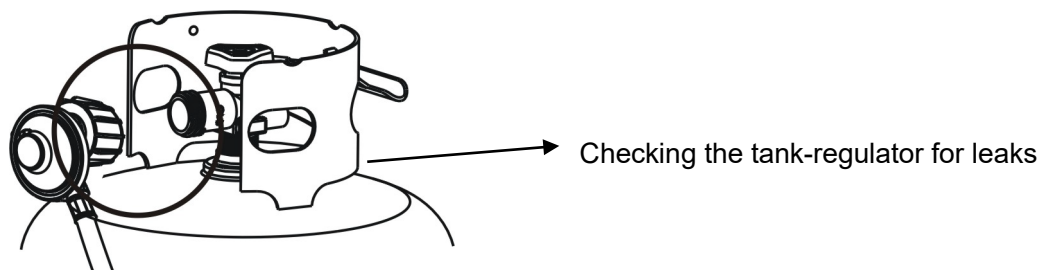


Figure 12



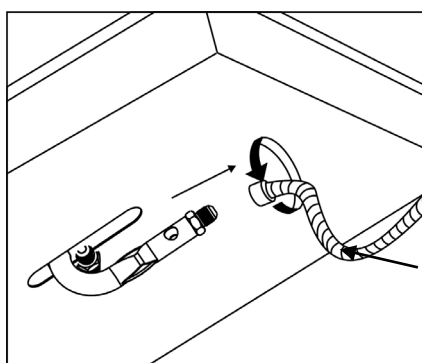
NATURAL GAS CONVERSION



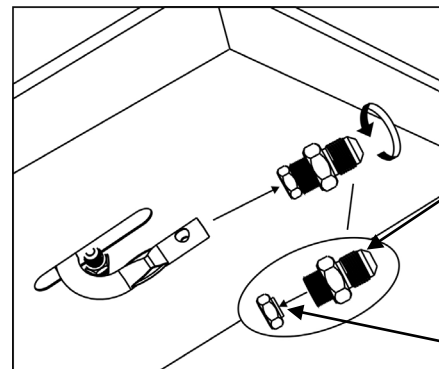
Natural gas conversion must be performed only by your natural gas provider or service company.

1. SHUT OFF THE GAS SUPPLY TO THE UNIT AND ANY NEARBY ELECTRICAL SOURCE OR APPLIANCES

2. Below the burner, carefully disconnect the flex connector attached to the orifice holder (see step 1).
3. Carefully unscrew the orifice holder from the burner pipe (see step 2).
4. Remove the propane orifice from the holder and replace it with a natural gas orifice (see step 2).
5. Install the air shutter over the burner pipe to cover the air holes. Then reattach the orifice holder to the burner pipe (see step 3).
6. Reattach the flex connector to the orifice holder. (see step 4).

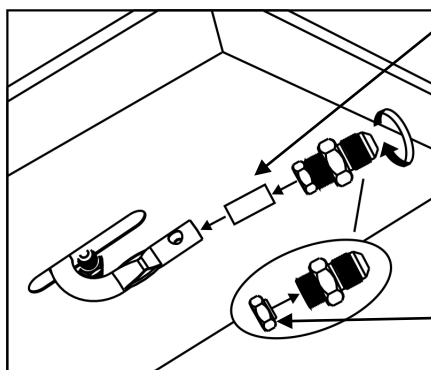


Step1



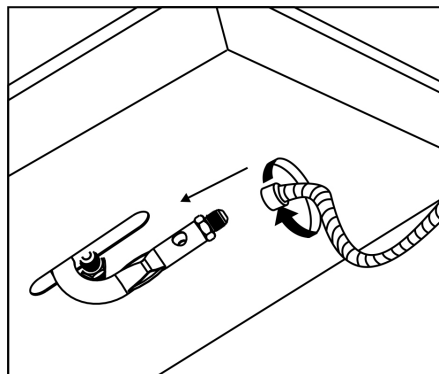
Step2

Orifice holder
Propane orifice (1.9mm)



Step3

Air shutter
Natural Gas orifice (2.8mm)



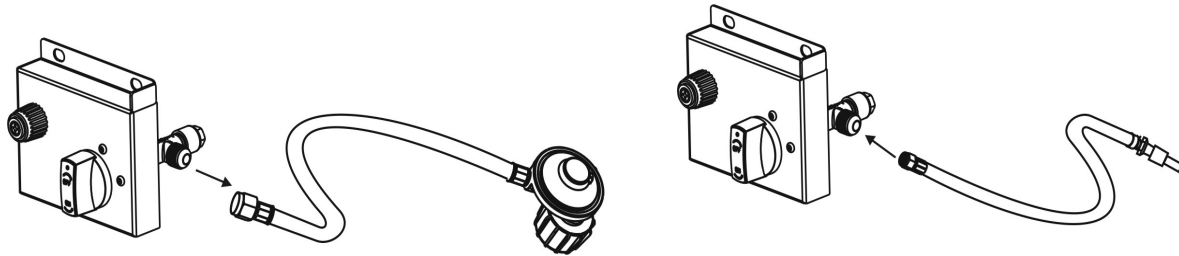
Step4

7. To convert the regulator from propane to natural gas, the appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve. Ensure any pressure testing of the gas supply piping system is at test pressure equal to or less than 1/2 psi(3.5KPA)

8. Remove the propane rubber hose from the valve and replace it with a 5/8" natural gas pipe (see step 5, natural gas pipe package is not provided).

9. Restore your gas supply and check ALL of the connections for leaks using a solution of soapy water. If a leak is discovered and any bubbles are seen, close the main gas valve and re-tighten

ALL the connections. NEVER USE A FLAME TO CHECK FOR GAS LEAKS!



Step5

10. Stick the conversion label on the rating plate as shown in Figure 13.

Metal Rating Plate

SerialNumber : _____	ModelNumber : WT17ZL4
Numéro de série	Numéro de modèle
<p>This appliance has been converted to use Natural Gas. Input 40,000 Btu/hr.(11.7kW) Max Gas Supply Pressure 7 inch w.c. (1.74 kPa) Min. Gas Supply Pressure 5 inch w.c. (1.24 kPa)</p> <p>Cet appareil a été converti pour être utilisé avec du gaz naturel. Entrée 40 000 BTU/h Pression maximale d'alimentation en gaz 7 po colonne d'eau (1.74 kPa). Pression minimale d'alimentation en gaz 5 po colonne d'eau (1,24 kPa)</p>	
<p>For Outdoor Use Only. If Stored Indoors, Detach and Leave Cylinder Outdoors. The gas supply must be turned off at the propane gas supply cylinder when this appliance is not in use</p>	

Figure 13

Conversion Label

MAINTENANCE

The flames should look like those in Figure 14. To clean the burner, use a soft brush after the burner has cooled completely. Never use a vacuum cleaner on the burner. It is recommended to store the fire pit indoors during winter if it will be subjected to freezing temperatures. The LP cylinder must be disconnected and removed from the appliance before the appliance can be stored indoors.

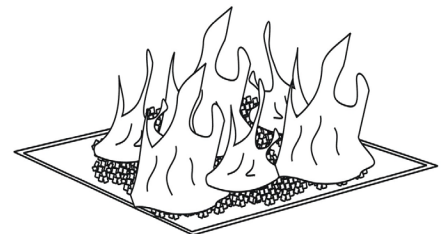
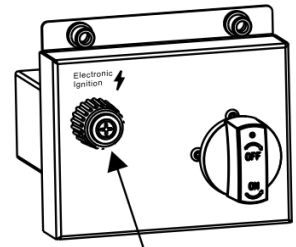


Figure 14

BATTERIES

Make sure the control knob is in the "OFF" position. Unscrew the push button cap on the ignition module located on the control panel to access the battery compartment. The ignition module requires one Alkaline AA-size battery (1.5V). The negative (-) end goes in first. See Figure 15. Dispose of the battery safely. May explode or leak if charged or disposed of in fire. Make sure of the polarity. Mercury and cadmium free.



IGNITION MODULE

Figure 15



CAUTIONS: BATTERY INSTRUCTIONS

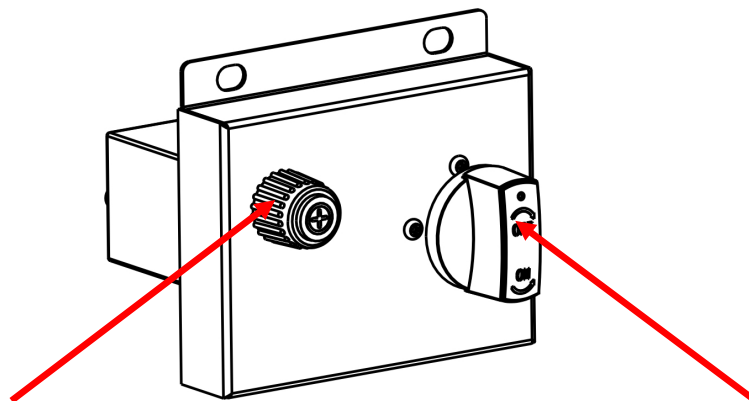
- Always purchase the correct size and grade of battery most suitable for the intended use.
- Always replace the whole set of batteries at one time, taking care not to mix old and new ones, or batteries of different types.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly about polarity (+ and -).
- Remove batteries from equipment which is not to be used for an extended period of time.
- Remove used batteries promptly.

For recycling and disposal of batteries to protect the environment, please check the internet or your local phone directory for local recycling centers and/or follow local government regulations.

LIGHTING INSTRUCTIONS



Warning: If these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.



IGNITER BUTTON

Figure 16

CONTROL KNOB

1. Read instructions before lighting.
2. Push the control knob in and turn the control knob to ON.

3. Hold the ignitor to light the burner, and release the control knob after 15 seconds; if the burner does not light, wait 5 minutes, repeat.
4. Adjust the flame to the desired flame with the control knob. See Figure 16.

TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	REMEDY
Burner won't light	No Propane Gas at Burner	Check that the gas tank valve is open. Turn control knob to "ON" and push control knob in. Make sure the tank has propane gas.
	No Spark at Electrode	Check that the AA battery is installed with the negative (-) end first and has a charge. Check that the wire is connected to the ignition module. Check that the electrode is not cracked or broken.
	Lack of oxygen	Remove excess fire ice from around the ignition well.
Burner won't stay lit after lighting	Thermocouple not in flame	Check that the tip of the thermocouple is even with the top of the ignition well. Remove any fire ice from the ignition well.
	Thermocouple connection at the main control valve is loose	Tighten the thermocouple nut at the back of the valve.
	No fire ice on burner	Cover the burner with fire ice per the instructions.

ONE-YEAR LIMITED WARRANTY

What is Covered Under This Warranty?

The item you have purchased is warranted against defects in material and workmanship for the following parts from the date of purchase for the period of warranty as outlined below, but only when the unit is installed and operated in accordance with the instructions in this Owner's Manual and compliance with local building and fire codes:

Limited 1 Year

- Stainless Tube/Plate burner

Limited 90 days

- All remaining parts

How Do I Obtain Warranty Service?

To obtain warranty service, you must contact our customer service center within the relevant warranty period and provide us with a copy of your dated register receipt as proof of the purchase date. We reserve the right to request photographs and/or return of the defective item(s) and/or such other evidence relating to any claim as we shall reasonably require.

What are the Limitations and Exclusions of this Warranty?

Warranty Limitations:

This warranty is subject to the limitation set forth above. In addition, this warranty is made to the original purchaser only and is effective only if items are purchased from one of our authorized dealers. This warranty is not transferable. For warranty replacements based on warranty claims, we will not be responsible for charges associated with shipments outside continental North America at any time or for any reason.

Warranty Exclusions: This warranty is subject to the exclusions set forth above. In addition, the following are excluded from coverage under this warranty: any item used for commercial, contract or any other non-residential purpose; clearance items, display models or items purchased "as is"; freight damage; items subject to misuse, abuse, neglect or lack of proper care or maintenance (including without limitation as provided in any "care and maintenance guide" or similar information we provide); normal wear and tear; damage caused by acts of nature, acts of force majeure, vandalism, fire or other casualty, or improper assembly; hardware against corrosion or rusting; purchased or replacement parts; and all plastic parts. Also excluded are loss of use or time; inconvenience; money; travel; packaging; or incidental, special or consequential damages of any kind. Replacement of defective items or parts as provided herein, or (at our sole discretion) pro-rated refund of your purchase price, shall constitute your sole and exclusive remedy for items which are not as warranted. In no event shall our responsibility exceed the purchase price of the item found to be other than as warranted. This warranty is the exclusive statement of your rights with respect to items you have purchased and supersedes any other express warranty or statement, written or oral, made in connection with the purchase and sale of such items. The term "item" when used herein in the singular refers to the specific piece found to be defective, and not to the entire set of which the item is a part.

For any further information, or to contact our service department by mail, send your correspondence to:

Dyaco Canada Inc.
5955 Don Murie Street
Niagara Falls, ON
L2G 0A9

Product features or specifications as described or illustrated are subject to change without notice. All warranties are made by Dyaco Canada Inc.