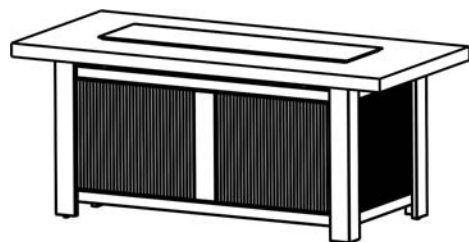


# SAFETY MANUAL



**CSA Model**  
WT17DL  
ARY05100

**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 the appliance.  
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:

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:

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: 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, LAVA ROCKS, LOGS, FIRE ICE, ETC.



Questions, Problems, Missing Parts? Before returning to your retailer, call our customer service department in the US at 1-800-416-3511, 9:00am - 5:00pm Monday – Friday, EST. English, or you may email [customerservice@agio-usa.com](mailto:customerservice@agio-usa.com).

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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 in excess of 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 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 vapors and liquids.

Do not use this appliance if any part has been under water. 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 prior to 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 (lava rock or fire ice) into the burner pan. The media must be evenly distributed over the burner.

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

Do NOT ignite or use the firepit if the burner media (lava rock or 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 prior to the gas appliance being 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 prior to 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.

# IMPORTANT SAFETY INFORMATION ABOUT PROPANE (LP) GAS

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

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 vapor 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.

The gas hose is routed through a “U” bolt to prevent the hose from coming in contact with the burner. DO NOT remove the hose from the “U” bolt. See Figure 2.

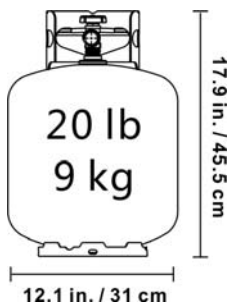


Figure 1a

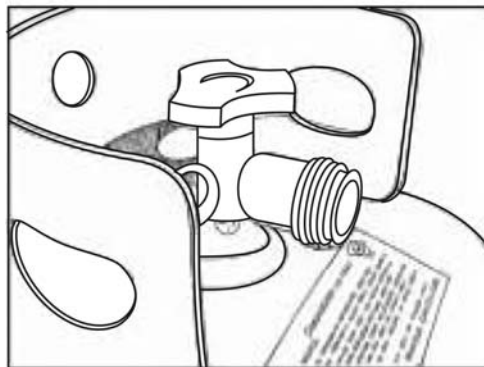


Figure 1b

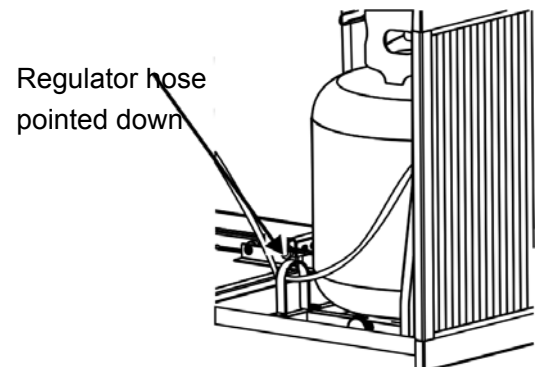


Figure 2

## SPECIFICATIONS

The maximum inlet supply pressure, as follows: “Max. gas supply:6922 in wc (1723Kpa)”		
INPUT	60,000 Btu/hr(17.6kW)	
Propane Regulator Pressure	11 in / 2.74 kPa water column	
Natural Gas Minimum Inlet Pressure	7 in / 1.74 kPa water column	
Clearances to combustible surfaces	Sides 24 in / 60.96 cm	Top: 72 in / 182.88 cm



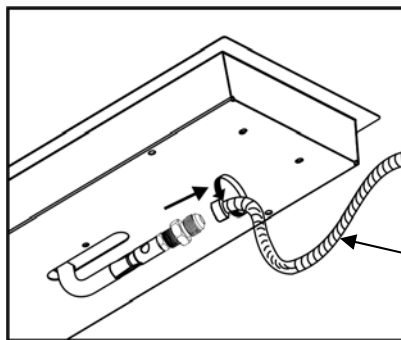
# NATURAL GAS CONVERSION



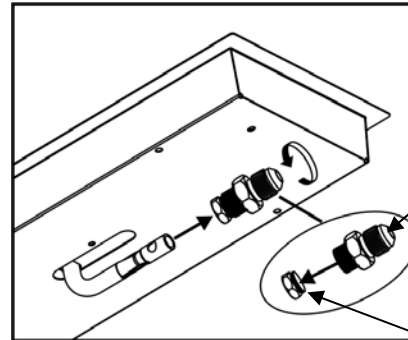
**Natural gas conversion must be performed only by your natural gas provider or service company.**

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

2. Below the burner, carefully disconnect flex connector attached to the orifice holder (see step1).
3. Carefully unscrew the orifice holder from the burner pipe (see step2).
4. Remove the propane orifice from the holder and replace with natural gas orifice (see step2).
5. Install the air shutter over the burner pipe to cover the air holes. Then reattach the orifice holder to the burner pipe (see step3).
6. Reattach the flex connector to the orifice holder. (see step 4).



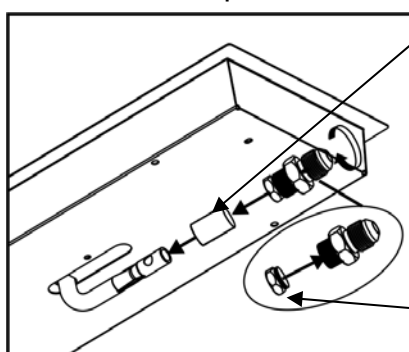
Step1



Step2

Orifice holder

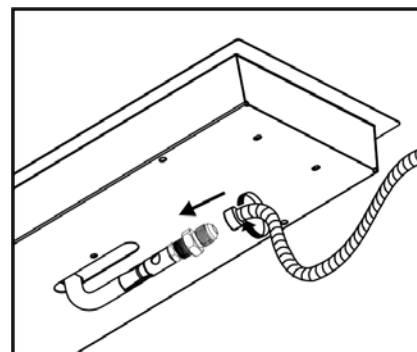
Propane orifice (2.4mm)



Step3

Air shutter

Natural Gas orifice (3.78mm)



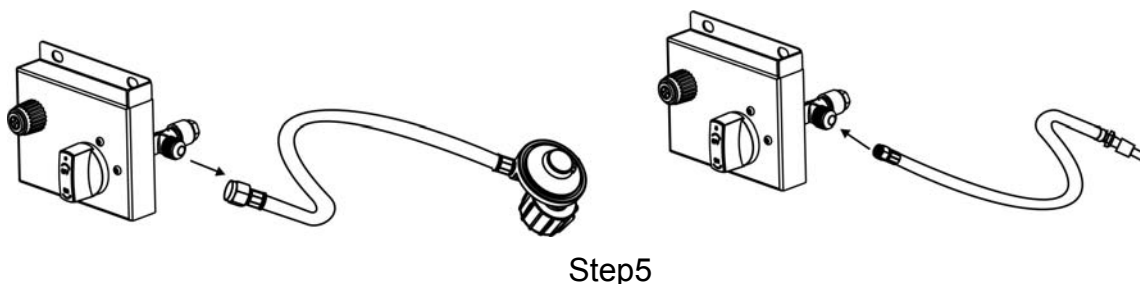
Step4

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 valve and replace with 5/8" natural gas pipe (see step5, 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 of the connections. NEVER USE A FLAME TO CHECK FOR GAS LEAKS!



10. Stick the conversion label on the rating plate as shown in Figure 3.

### Metal Rating Plate

SerialNumber : _____	ModelNumber : WT17DL
Numéro de série	Numéro de modèle
<div style="border: 1px solid black; padding: 5px; margin: 5px 0;"><p>This appliance has been converted to use Natural Gas. Input 55,000 Btu/hr. (16.1kW) 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 55 000 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></div>	
<p><b>For Outdoor Use Only.</b> 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 3

Conversion Label

## MAINTENANCE

The flames should look like those in Figure 4. 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.

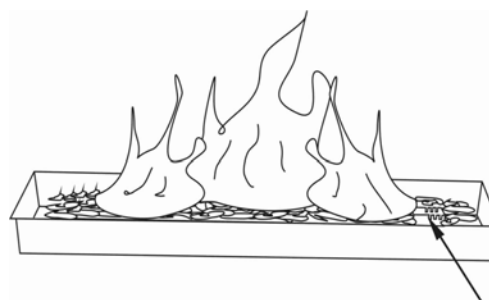
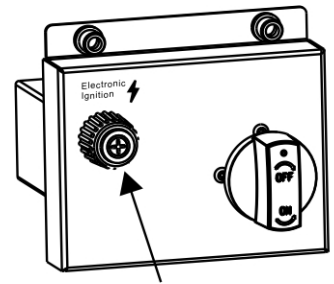


Figure 4

# 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 5. Dispose of the battery safely as it may explode or leak if charged or disposed of in fire. Make sure of the polarity. Mercury and cadmium free.



IGNITION MODULE

Figure 5

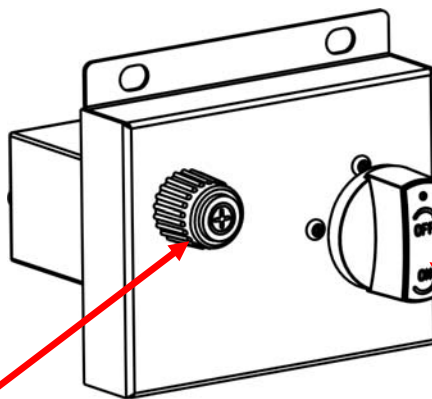
## **CAUTIONS: BATTERY INSTRUCTIONS**

- 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 with regard to 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 6

CONTROL KNOB

1. Read instructions before lighting.
2. Push and turn the knob to ON.
3. Hold ignitor to light the burner, release control knob after 15 seconds; if burner does not light, wait 5 minutes, repeat.
4. Adjust flame to desired flame with the control knob. See Figure 6.

## TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	REMEDY
Burner won't light	No propane gas at burner	Check that the gas tank valve is open. Turn the control knob to "ON" and push the 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.