

TASMAN 6000

Propane Outdoor Gas Fireplace

Installation and Operating Instructions

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.

For your safety

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, operating and maintenance instructions thoroughly before installing or servicing this equipment.

WARNING: For Outdoor Use Only.
Retain this manual for future reference.

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**Inca Metal Cutting
Unit 100 - 11091 Bridgeport Rd
Richmond BC, V6X-1T3**

1.0 INTRODUCTION

1.1 SPECIFICATIONS

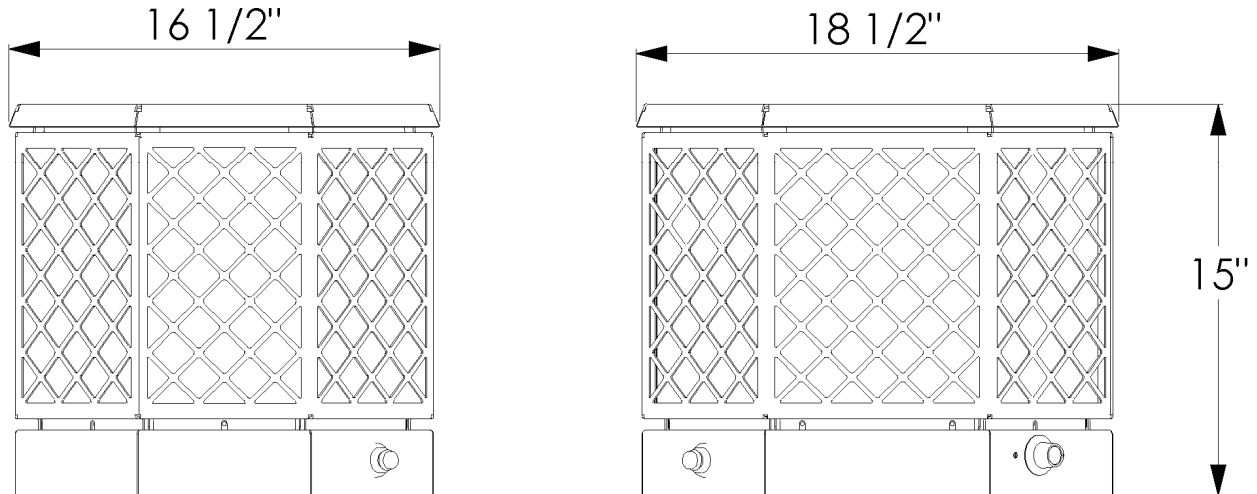
TABLE 1

ITEM	PROPANE (LPG)
INPUT: Hi	31,000 Btu/hr (9.08 kW)
INPUT: Lo	17,000 Btu/hr (4.98 kW)
MAXIMUM GAS INLET SUPPLY PRESSURE:	Minimum: 11" w.c. (2.74 kPa)
AIR SHUTTER SETTING	adjustable from fully closed to fully open
ORIFICE SIZE: @ 0-2000'	# 52 DMS

APPLIANCE DIMENSIONS

Figure 1

TASMAN 6000



INSTALLATION CODES

Installation must conform to local codes or in the absence of local codes, installation must conform to the *National Fuel Gas Code, ANSI Z233.1*, or the current *CAN/CGA B149.1 Installation Codes*. In the state of Massachusetts, this product can only be installed by a licensed plumber or a licensed gas fitter. Failure to comply will void the warranty.

GENERAL SAFETY

- Solid fuels shall not be burned in this fireplace.
- Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- Inspect the burner prior to each use, if the burner is damaged it must be replaced prior to use.
NOTE: Use only with burner part# OD6007A.
- 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.
- Do not locate the gas supply hose in a pathway where people may trip over it or in areas where the hose may be subjected to accidental damage.

Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the area of the appliance.

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

Any guard or other protective device removed for servicing the 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 qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

LIGHTING INSTRUCTIONS

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS**
- Do not try to light any appliance.
 - Do not touch any electric switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- B. 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, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

LIGHTING INSTRUCTIONS

1. **STOP!** Read the safety information above on this label.
2. Controls are found at the front of the appliance.
3. Push in gas control knob slightly and turn clockwise to ☺ "OFF".
4. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "A" in the safety information above on this label. If you don't smell gas, go to the next step.
5. Turn gas supply to unit on.
6. Push in the spark ignition button.
7. Depress and turn control knob counterclockwise ☺ to the "ON" position.

TO TURN GAS OFF TO APPLIANCE

1. Push in gas control knob slightly and turn clockwise ☺ to "OFF", do not force.

FLAME ADJUSTMENT

The valve supplied with the appliance has a HI/LO knob to control the flame height. To adjust the flame height turn the adjustment knob. Turning the knob in a clockwise direction sets the valve to the maximum setting, turning the knob in the counterclockwise direction sets the valve to the minimum setting.

LP GAS CYLINDER SAFETY INFORMATION

- The gas appliance is for use with a gas cylinder that does not exceed 20 lbs. (9 kg) capacity.
- The gas cylinder to be used must be constructed and marked in accordance with the *Specifications for LP-Gas Cylinders* of the U.S Department of Transportation (D.O.T.) or the National Standard of Canada *CAN/CSA-B339, Cylinders, Spheres and Tubes for Transportation of Dangerous Goods; and Commission*.
- 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 area.
- The gas must be turned off at the supply cylinder when the appliance is not in use.
- This appliance can be stored indoors 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 plugs tightly installed and must not be stored in a building, garage or any other enclosed area.
- Inspect the hose assembly for damage prior to each use. If the hose is damaged or there are signs of excessive abrasion or wear replace the hose.
- Use only the pressure regulator and hose assembly supplied with the appliance. Replace the regulator/hose assembly only with part 150#20855, these are available from your local dealer.
- The LP cylinder must include a collar to protect the cylinder valve.
- The cylinder supply system must be arranged for vapor withdrawal.

This appliance uses a "Type 1" cylinder connection device see below for proper connection instructions.

WARNING

When disconnecting and removing the gas cylinder, from the appliance, always be sure to adhere to the following items:

- Check that the gas control valve on the appliance as well as on the cylinder are turned off before disconnecting the gas line from the cylinder.
- Never smoke or have an open flame in the vicinity of the gas appliance or gas cylinder.
- Upon replacing the gas supply cylinder be sure to tighten all connections and leak test the connections (with a soapy water solution) prior to placing the tank back in the enclosure.

LP GAS CYLINDER CONNECTION

The Tasman 6000 is made for connection to a remote LP gas Cylinder. All that is needed is to connect the regulator /hose assembly from your LP gas cylinder to the fitting which extends through the side of the appliance.

The remote cylinder is to be placed in the tank stabilizer (part# OD5024) shown below.

GAS SAFETY INFORMATION

How to Leak Test Your Appliance

- Mix a solution of liquid soap and water in a small container.
- Make sure that the gas supply is turned on. For LP gas appliances make sure that the valve on the gas cylinder is turned on.
- Ensure that the gas control valve on the appliance is in the “OFF” position.
- Use a spray bottle or a small brush and liberally apply the solution to the gas line and to each connection.
- If there are bubbles forming this means that a leak is present.
- Tighten any connections that may be loose and leak test again.
- If no more leaks are found use the appliance, if leaks persist and cannot be stopped turn off the gas supply and contact your distributor or local gas service technician for assistance.
- **WARNING: Do not use an open flame to test for gas leaks.**

INSTALLATION & SAFETY NOTES

Read all instructions before starting installation and follow them carefully during installation to ensure maximum benefit and safety. Failure to follow these instructions will void your warranty and may present a fire hazard. See the warranty at the back of this manual for disclaimers regarding improper installation. This outdoor fireplace and its components are tested and safe when installed in accordance with this installation manual.

UNPACKING

Please check the appliance carefully for any damaged or missing components. Report any problems to your dealer within 30 days of purchase.

MINIMUM CLEARANCES

The minimum clearance to combustibles for the sides and the top is 36" (914 mm).

This outdoor fireplace is suitable for installation on a combustible surface.

"Clearances are in accordance with local installation codes and the requirements of the gas supplier."

INITIAL FIRING

When lit for the first time, the appliance may emit an odor resulting from evaporation of paint and lubricants used in the manufacturing process. This is normal and will subside after the unit has run for an hour or so.

MANIFOLD PRESSURE REGULATOR ADJUSTMENT

The manifold pressure regulator controls gas input and flame height, and is pre-adjusted at the factory. No further adjustment is required.

PRIMARY AIR ADJUSTMENT

Aeration is factory set but may need adjustment for altitude or movement during shipping. The adjustment for the air shutter is found on the mixing tube which is located underneath your appliance. Loosen the screw which holds the aeration adjustment shutter in place and rotate the adjustment shutter to increase or decrease primary air (see below) and tighten the screw. Increasing the primary air will cause the flame to appear more transparent and blue. Decreasing the primary air will cause the flames to appear more yellow or orange. Evaluate the aeration only after the unit has warmed up approximately 15 minutes. If the unit shows signs of carbon build up increasing the primary air should alleviate this problem.

Caution: Parts requiring adjustment during operation may be hot.

Aeration adjustment is important for the correct functioning of the appliance. Carbon build up, flame lifting or any malfunction due to improper aeration adjustment during installation is not covered under the factory warranty.

ALTITUDE ADJUSTMENT

All valves have been pre-set and certified for installation at elevations from 0 – 2000 feet (1 – 610 m) above sea level.

When installing this unit at higher elevations, it is necessary to decrease the input rating by replacing the existing burner orifice with a smaller size for installations over 2000 feet (610 m). The appliances input should be reduced 4% for each additional 1000 feet (305m) above sea level. For the USA, derate the unit from sea level according to the gas installation code.

FIELD ASSEMBLED PARTS

Your outdoor fireplace comes fully assembled, to finish assembling the unit you must do the following:

1. Install the lava rock on the burner base.
2. Install the logs.
3. Connect the LP gas supply.

LAVA ROCK INSTALLATION

LOG INSTALLATION

Step 1:

Position smallest twig (part # 5004) as shown below.

Step 2:

Position larger twig (part # 5003) as shown below.

LOG INSTALLATION - (continued)

Step 3:

Position small twig (part # 5004) as shown below.

Step 4:

Place wye twig (part# 5002) as shown below.

LOG INSTALLATION - (continued)

Step 5:

Place larger twig (part # 5004) as shown below.

BURNER FLAME

MAINTENANCE

MAINTENANCE SAFETY

Turn off the gas to the main burner and allow the fireplace to cool for 30 minutes before servicing.

Service and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service technician. It is important that the access door compartment and burner be kept clean to provide for adequate combustion and ventilation airflow. Do not substitute materials or use components other than factory supplied.

RECOMMENDED SERVICE

Visually check the burner flame occasionally.

Have the appliance inspected annually by a professional service technician.

Clean the appliance regularly.

BURNER CLEANING

Periodic cleaning is necessary for proper operation.

Remove the burner, and check that the burner orifice is clean.

Visually inspect the burner. Brush or blow away any dust, lint, or foreign debris. If the orifice is plugged, disassembly may be required to remove any foreign material from the orifice or tubing. For re-lighting, refer to the lighting instructions on page 6.

TROUBLE SHOOTING

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION	
Burner will not light after repeated triggering of the ignition button	A. No spark at electrode		
	1. Improper ignition	1. Align the electrode with 1/8" (3mm) gap to burner	
	2. Poor connections at ignition electrode	2. Reconnect if loose	
	3. Broken ceramic cover on ignition electrode	3. Replace ignition electrode	
	4. Battery dead in igniter	4. Replace battery in igniter	
	5. Defective igniter	5. Replace igniter	
	6. Poor grounding of igniter	6. Tighten mounting nut and/or igniter screws	
	B. No gas or low gas pressure		
	1. Gas line shut off	1. Turn on shut-off valves	
	2. Air in gas lines	2. Purge gas lines	
	3. Gas lines may not be connected	3. Connect all gas lines	
	4. Low pressure may be caused by bent line	4. Check for a kinked line	
	Burner will not light	A. Valve / Switches	
		1. Valve control off	1. Turn to "ON" position
2. Blockage at the burner (line, orifice, or ports)		2. Check and clean	

REPLACEMENT PARTS

When requesting service or replacement parts for your unit, please provide model name and serial number. All parts listed below may be ordered from an authorized dealer.

<u>Description</u>	<u>Part#</u>
Burner Assembly	OD6007A
Orifice – LPG	GO26-52
Spark Ignition Assembly	2011-47
Igniter	1177-14
Cabinet Top	OD6002
Heat Shield	OD6010
Cabinet Side (2)	OD6005
Valve	GM711
LPG Hose/Regulator Assembly	150#20855
Small Twig (2)	5004
Large Twig (2)	5003
Wye Twig	5002

INCA'S WARRANTY PROTECTION FOR ALL INCA GAS FIREPLACE PRODUCTS

Inca's products are designed with superior components and materials, assembled by trained craftsmen who take great pride in their work. The burner and valve assembly are leak tested and test fired at a quality control test station. Once assembled the complete fireplace is thoroughly inspected by a qualified technician, before packaging, to ensure that you, the customer, receives the quality product that you expect from Inca's.

INCA'S GAS FIREPLACE'S WARRANTY

Your Inca gas fireplace is guaranteed to be free of defects in materials and workmanship for a period of 5 years from the date of purchase. This covers: combustion chambers and wearable parts such as gas valves, wiring, igniter and gaskets are covered and Inca will provide replacement parts free of charge during the first year of the limited warranty

CONDITIONS AND LIMITATIONS

Inca warrants its products against manufacturing defects to the original purchaser only – i.e. the individual or legal entity (registered customer) whose name appears on the original invoice– provided that the purchase was made through an authorized Inca dealer and is subject to the following conditions and limitations:

This factory warranty is nontransferable and may not be extended whatsoever by any of our representatives.

A licensed, authorized service technician or contractor must have installed the gas fireplace. Installation must be done in accordance with the installation instructions included with the product and all local and national building and fire codes.

This limited warranty does not cover damages caused by misuse, lack of maintenance, accident, alterations, abuse or neglect. Parts installed from other manufacturers will nullify this warranty.

This limited warranty further does not cover any scratches, dents, corrosion or discoloring caused by excessive heat, abrasives, chemical cleaners nor any venting components used in the installation of the fireplace.

Any installation, labor, construction, transportation or other related costs or expenses arising from defective part(s), repair or replacement or otherwise of same, will not be covered by this warranty nor shall Inca assume responsibility for same. Further, Inca will not be responsible for any incidental, indirect or consequent damages, except as provided by law, and in no event shall they exceed the original purchase price.

CONDITIONS AND LIMITATIONS (continued)

In the first year only, this warranty extends to the repair or replacement of warranted parts, which are defective in material or workmanship provided that the product has been operated in accordance with the operation instructions and under normal conditions.

After the first year, Inca may, at its discretion, fully discharge all obligations with respect to this warranty by refunding to the original warranted purchaser the wholesale price of any warranted but defective part(s).

Notwithstanding any provisions contained in this warranty, Inca's responsibility under this warranty is defined as above and it shall not in any event extend to any incidental, consequential or indirect damages.

This warranty defines the obligations and liability of Inca with respect to the Inca gas fireplace and any other warranties expressed or implied with respect to this product, its components or accessories are excluded.

Inca neither assumes, nor authorizes any third party to assume, on its behalf, any other liabilities with respect to the sale of this product.

Any damages to fireplace, combustion chamber, or other component due to water, weather damage, long periods of dampness, condensation, damaging chemicals or cleaners will not be the responsibility of Inca.

The bill of sale or copy will be required together with a serial number and a model number when making any warranty claims from your authorized dealer.

Inca reserves the right to have its representative inspect any product or part thereof prior to honoring any warranty claim.