

# USE

## Starting

1. Turn on incoming water supply.
2. Turn shower nozzle to its off position
3. Turn the gas valve on the cylinder all the way open.
4. **IF THE SMELL OF GAS IS DETECTED, TURN OFF THE GAS VALVE IMMEDIATELY!!!! DO NOT TOUCH THE "ON/OFF" SWITCH**
5. Set the water regulator knob on the face of the unit to its highest setting. All the way to the left.
6. Set the gas regulator knob on the face of the unit to its minimum setting. All the way to the right.
7. Turn the "ON/OFF" switch on the bottom of the unit to "ON"
8. Turn on the spray nozzle and adjust to the desired pattern.
9. There will be a series of audible clicks and the burner will ignite. (Should the burner not ignite after 5 seconds, shut off and go to the "Trouble Shooting" section.)

# L-5 Liter

# Outdoor



EccoTemp Systems, LLC

Volume 1, Issue 1

THE FUTURE OF EFFICIENCY

5 LITER OUTDOOR MOUNT LIQUID PROPANE WATER HEATER

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ON/OFF SWITCH FOR TIMES YOU DO NOT WANT BURNER TO IGNITE WHEN USING WATER THROUGH UNIT

Before going to the USE section:

1. Check around area for flammables, especially gasoline or other vapors which may ignite.
2. Make sure there are no electric cords, outlets, or other sources of danger should they become wet.
3. **The exhaust and top of the unit will get HOT! Make sure there are no foreign objects around the unit or have fallen into the top.**

4. Install gas supply line and regulator to the unit. Use “Teflon” tape or other approved sealing method on the threads on the ½” fitting marked “gas input”
5. Attach shower nozzle to the fitting marked “Water Outlet”.  
**Connect using hand pressure**



**ONLY.** If installing in an existing water system, connect the hot water line directly to the ½” NPT fitting. Check to make sure the screen inside the water inlet is in place and clean.

6. Install two “D” cell batteries in the compartment on the bottom left of the heater. Check that batteries are facing the correct direction.
7. Use the top tab on the unit to suspend from a screw adequate to holding 15 pounds. Place at a comfortable height without putting stress on the gas hose. If the unit is to be permanently mounted, use screws to attach the bottom tab firmly. **DO NOT USE SUSPENDED FROM THE HANDLE!**
8. Attach gas regulator with hose to the LP tank. Use hand pressure only on the plastic connector. **LEAVE GAS TANK VALVE IN THE “OFF” POSITION**

## The EccoTemp L-5 Liquid Propane Water Heater Is For Outdoor Use ONLY!!!

Use only in areas where there is adequate ventilation. See additional information in the “Warnings” section of this manual.

The Purpose and Benefits the L-5

The EccoTemp L-5 is a portable liquid propane fired water heater capable of delivering 1 to 1.5 gallons of hot water almost anywhere. The unit has standard 1/2 "NPT pipe fittings and an adapter for using a standard garden hose for inlet water supply.

The L-5 is not a toy. People around the world use similar units to heat the water in their homes, safely, and reliably.

Gas is supplied from a standard 20 pound propane cylinder (not included) such as used with outdoor grills. A regulator with hose is furnished with the heater.

A shower nozzle with on/off switch and multiple spray patterns is included.

Ignition is automatic and powered by 2 "D" cell batteries (not included) Burners come on when water flows, and off when the water is shut off. No pilot light!

## Getting Started

1. Check box for damage. Damages caused in shipment must be reported immediately
2. Make sure you have all the parts



a. Heater Body



b. Vent Shield

c. Gas Regulator

d. Shower Nozzle

e. Hardware Pack

3. Install vent shield as shown with two Phillips screws found in the hardware package.



# ADJUSTMENT

The temperature of the outgoing water is dependent on the amount and temperature of the incoming water balanced with the amount of heat applied. Use extreme caution in setting the outlet water temperature. **THERE IS A POTENTIAL SCALDING HAZARD!**

1. With the water regulator set to high, and the gas regulator set to low, feel the outgoing water. This is the lowest setting available.
2. To initially raise the outgoing temperature, slowly turn the gas valve towards maximum. Adjust slowly and check the temperature often. There will be a slight delay between increasing the gas supply and the increase in water temperature.
3. Should the outlet water temperature need to be higher, slowly reduce the water flow regulator until desired temperature is reached. **THE UNIT WILL PRODUCE TEMPERATURES CAPABLE OF SCALDING!!!!**
4. If you wish to use water with out it being heated, turn the ON/OFF switch at the bottom of the unit to "OFF". This will disconnect the igniters and gas flow.

# TROUBLE SHOOTING



## SYSTEM DOES NOT LIGHT OR BRIEFLY STARTS AND GOES OUT

1. The unit requires a minimum of about 1 quart per minute of incoming water to safely turn on the burners.
2. The valve on the propane tank should be all the way "Open"
3. Fresh batteries are required for ignition spark. Make sure batteries are aligned in the proper polarity (+-)
4. **NEVER TRY AND LIGHT WITH A MATCH OR LIGHTER**
5. Propane gas cylinders sometimes are contaminated with air, especially new tanks upon their first filling. Cycle the unit on and off by using the shower head switch several times (5) to purge the air from the gas.
6. **Should a unit fail to light or stay lit after 10 cycles, Call technical support. (843)478-7518**

- Visit us on the Web [www.eccotemp.com](http://www.eccotemp.com)
- Fill out the order form and mail it to us
- Call us (843) 478-7518

### EccoTemp Systems

111 Blossom Way  
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## WARNINGS

### Order Form

Last Name \_\_\_\_\_

First Name \_\_\_\_\_ M.I. \_\_\_\_\_

Address \_\_\_\_\_ Apt./Unit \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

Phone ( ) \_\_\_\_\_ E-Mail \_\_\_\_\_

Method of payment                                                    
    Check                              VISA                              MasterCard

Credit Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name as it appears on card \_\_\_\_\_

\_\_\_\_\_  
    Signature

Item No.	Price	Qty.	Amount
<b>Subtotal</b>			
<b>Tax</b>			
<b>Shipping</b>			
<b>Total</b>			

- 1. Do not leave unattended**
  
- 2. The exhaust gas and top of the unit is HOT! Do not place hands or any foreign object near the top of the heater.**
  
- 3. Do not use in high wind conditions**
  
- 4. If the smell of gas is detected, turn off the gas valve at the tank immediately! Do not use flame for leak detection.**
  
- 5. Use only Liquid Propane**
  
- 6. Use only outdoors**

## IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

Be sure to read and understand the entire Use and Care Manual before attempting to install or operate this water heater. It may save you time and money. Pay particular attention to the Safety Instructions. Failure to follow these warnings could result in serious bodily injury or death. Should you have problems understanding the instructions in this manual, or have any questions, STOP and get help from a qualified service technician, or the local gas utility.



### **⚠ DANGER!** PROPERLY INSTALL WATER HEATER...


Failure to properly install the water heater outdoors as outlined in the Installation Instructions in this manual can result in unsafe operation of the water heater. To avoid the risk of fire, explosion, or asphyxiation from carbon monoxide, never operate this water heater unless it is installed properly and has an adequate air supply for proper operation. Be sure to inspect the flue terminal for proper installation at initial start-up; and at least annually thereafter. Refer to the Care and Cleaning section of this manual for more information regarding flue terminal inspection.



### **⚠ WARNING!**

Gasoline, as well as other flammable materials and liquids (adhesives, solvents, paint thinners etc.), and the vapors they produce are extremely dangerous. DO NOT handle, use or store gasoline or other flammable or combustible materials anywhere near or in the vicinity of a water heater or any other appliance. Be sure to read and follow the labels on the water heater, as well as the warnings printed in this manual. Failure to do so can result in property damage, bodily injury or death.

**⚠ DANGER**



**⚠ Vapors from flammable liquids will explode and catch fire causing death or severe burns.**

Do not use or store flammable products such as gasoline, solvents or adhesives in the same room or area near the water heater.

**Keep flammable products:**

1. far away from heater,
2. in approved containers,
3. tightly sealed and
4. out of children's reach.

**Water heater has a main burner flame.**

The main burner flame:

1. which can occur on all any time and
2. will ignite flammable vapors.

**Vapors:**

1. cannot be seen,
2. are heavier than air,
3. go a long way on the floor and
4. can be carried from other rooms to the main burner flame by air currents.

**Installation:**

Do not install water heater where flammable products will be stored or used unless the main burner flame is at least 18" above the floor. This will reduce, but not eliminate, the risk of vapors being ignited by the main burner flame.

Read and follow water heater warnings and instructions. If owners manual is missing, contact the retailer or manufacturer.

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## Products or Services

### PRODUCT OR SERVICE

Hose to NPT adapter.

Price: \$5.00  
Item #: AGHNPT  
Type: Brass

### PRODUCT OR SERVICE

LP GAS REGULATOR/HOSE

Price: \$10.00  
Item #: LPG1  
Type: OEM

### PRODUCT OR SERVICE

Shower Nozzle

Price: \$8.00  
Item #: L5SNZ  
Type: Plastic

### PRODUCT OR SERVICE

Filter Screen 1/2" NPT

Price: \$1.00  
Item #: 000000  
Type: Stainless