



Instruction Manual



6187 Water Heater / Hot Shower
Push Button Ignition & Padded Storage Bag
(Propane and Batteries not included)

Read Directions Before Operating
Follow Directions at all Times

FOR YOUR SAFETY

If you smell gas:

1. Do not attempt to light the appliance.
2. Extinguish any open flame.
3. Disconnect from fuel supply.

FOR YOUR SAFETY

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

DANGER CARBON MONOXIDE HAZARD

Operating this item in an enclosed space can kill you. Never use this appliance indoors or in an enclosed space such as a camper, tent, car or home.

DANGER CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor and can kill you. Use only outdoors in well ventilated area.

DIRECTIONS - FOLLOW THESE DIRECTIONS AT ALL TIMES.

These directions may refer to options not included on your model. Read, understand and follow the instructions printed in this instruction manual, printed on the product, and the printed warnings sheet before operating this product. Read and follow all directions and warnings printed on propane cylinder and cylinder base. Zodi assumes no responsibility for improper use. Failure to comply with all instructions can result in serious bodily injury, death and or property loss. Zodi assumes no responsibility for improper use.

CAUTION

Water must be flowing before igniting heater. Water must always be flowing when propane heater is heating. Do not operate indoors.



This package contains:

- hot camp shower
- pump with twist off screen filter
- battery case (4 D cells needed)
- multi-purpose storage bag
- propane cylinder base
- 3 anchor stakes for propane base
- directions, warranty, warning sheet



STEP 1
Place 4 D cell batteries (not included) in the battery case. Sticker inside battery case shows correct position of batteries. Use new alkaline batteries for best performance.



STEP 2
Close lid and snap clasp shut to secure lid in locked position. TIP - Bend out battery contacts in case lid and case bottom to ensure good battery connection.



STEP 3
Test your pump by pressing red button on battery case lid. You should hear your pump spinning. If pump fails check that batteries are installed correctly or replace with new batteries.



STEP 4
Turn OFF propane gas valve then twist standard 16.4 oz disposable propane cylinder clockwise into gas valve at bottom of heater. Check that gas cylinder is tight and is not leaking at connection. Test for leaks. (see page 3)



STEP 5
Select a flat area at least 15 feet away from tents, vehicles and any flammable material. Position propane cylinder base on flat firm ground and insert bottom of propane cylinder securely into cylinder base. Securely anchor plastic base to ground with 3 anchor stakes. Uncoil hoses and remove any kinks from hoses.



STEP 6
Place pump in container full of water. Storage bag is not waterproof so add plastic bag to retain water. Push red button on battery case to start water flow. Do NOT proceed without water flowing from showerhead.



STEP 7
WATER MUST ALWAYS BE FLOWING FROM SHOWER HEAD WHEN HEATER IS ON. Step 7 and 8 must be completed at same time. Slightly turn gas valve ON then push ignitor button 2 to 4 times.



STEP 8
As soon as you open gas valve quickly push the piezo push button ignition 2 to 4 times. If system fails to ignite within two seconds turn OFF gas valve, wait 1 minute and go to step 9.



STEP 9
If the piezo button gets wet it may short out until it dries. Insert match or lighter flame in hole on the back of heater then slowly OPEN gas valve.



STEP 10
System is now heating water. If water pressure drops or water temperature suddenly increases immediately point shower head away from body and safely turn off heater until proper water pressure is regained.

NOTE: System designed to increase water temperature 25° - 30°F. If water flowing from shower head is not hot enough just place shower head in same water container as pump and recirculate water for a few minutes.

Warranty Disclaimer - Due to the harsh conditions that this product may be exposed to, there is no warranty on the electronic components including piezo push button and battery operated pump.

Tips for Best Performance

WARNING - SYSTEM GETS HOT DURING USE: Allow system to cool before handling. Do not place any items including towels, soap and shampoo on or near heater. Keep children and pets clear of heater when operating. Operate only outdoors in well ventilated areas clear of any flammable material.

If water pressure drops, or water temperature increases, immediately point shower head away from body and safely turn off heater until proper water pressure is regained.

CONNECTING 16.4 oz DISPOSABLE PROPANE CYLINDER: If propane cylinder has a protective cap, remove protective cap. Check top of propane cylinder and fittings are clean and free of dirt and debris. Turn off propane gas valve, twist propane cylinder clockwise into gas valve at bottom of heater. Check propane cylinder is tight and is not leaking at connection by testing for leaks (see below).

TESTING FOR LEAKS: During set up, check all connections and fittings using soapy water (Soap and water solution: 1 part liquid detergent to 3 parts water). Bubbles near valve and propane connection indicate leaks. Never use a flame to check for leaks. If bubbles are present, check connection is not cross-threaded and is tight. Perform another test for leaks until no leaks are present. If there is still a leak, contact Zodi.

LOW WATER PRESSURE: Weak batteries or vapor lock will cause pump to perform poorly. If new batteries are not available reduce distance between pump and shower head by elevating water container on table. Initiate water flow with weak batteries by applying suction to shower head HEATER MUST BE OFF. Check hoses for kinks. Check debris screen located at end of pump - just twist off pump cap and rinse out foam screen. Pump and battery case are NOT covered by warranty, new pumps are available at www.zodi.com and replaces easily by removing hose at pump.

COLD WATER TEMPERATURE: At higher altitudes or with colder water, place shower head in same water container as pump and recycle water. In only a minute or two ice cold water is comfortable for washing and showers. Water must always be flowing from shower head when heater is heating. Under certain conditions hotter water can be produced by turning gas valve down. When heater is on 100%, you may notice hot spots on heater housing or flames near top of system. If flames exit exhaust holes at top of heater, turn down propane valve. BTU output ranges up to 10,000 due to altitude, temperature and atmospheric conditions. New batteries will pump a higher flow of water and will cause water temperature to be slightly lower for the first few minutes of operation.

WATER DRIPPING FROM BOTTOM: The water drops you see dripping from the bottom of the heater during use is normal, this is condensation and will occur every time heater is on. Condensation is more noticeable in areas with higher humidity.

STORAGE: Remove propane cylinder from heater before transport and storage. For added protection, wrap heater in towel before storing in padded storage bag. In cold climates prevent freeze damage to coil, drain all water from coil by blowing on shower head for 10 seconds. Store heater in storage bag to prevent dust and insects from clogging burner during storage. Torn bags and freeze damage are not covered by warranty.

REMOVING PROPANE FROM UNIT: Wait for unit to be completely cool before removing propane tank. To remove propane from your shower turn shower on its side and twist propane tank until fully removed from shower. Replace protective cap on propane tank. Store propane outdoors.

CLEANING RECOMMENDATIONS: To clean outside of shower, use a soft cotton cloth with soapy, warm water. Do not submerge entire shower in water. Rinse well with clean wet cloth. Clean inside of hoses and heating system by placing pump in clean water and turn on pump for 1 minute.



If you experience a challenge with your Zodi Water Heater

PLEASE DO NOT return product to the store.

PLEASE Call 800-589-2849 or e-mail help@zodi.com

CAUTION - READ THIS BEFORE OPERATING HEATER

Water must be flowing from heater before igniting propane burner. Water must always be flowing from shower head when propane heater is heating.

If water pressure drops, or water temperature increases, immediately point shower head away from body and safely turn off heater until proper water pressure is regained.

Do not use system indoors. The heater, like all propane devices, generates deadly carbon monoxide fumes when operating. This product is designed for outdoor use only. Do not operate heater inside boats, RVs, tents, homes or other confined areas. Use only outdoors in well ventilated areas away from flammable material. Do not touch system until cool.

Check that all hoses are free of kinks. Most kinks occur during storage or immediately after use when the hoses are warm. Do not ignite heater with kinks in pump hose or shower hose.

System not designed to heat water over 100°F. System not designed to heat water for consumption.

Allow heater to cool before handling. Do not place any items including towels, soap and shampoo on or near heater. Keep children and pets clear when operating. Do not leave system unattended when operating.

Propane must be in a vertical position and safely secured in plastic base anchored to firm flat ground when heating. Do not connect to remote gas supply.

This system uses a high performance heater. When heater is on 100%, you may notice hot spots on heater housing or flames near top of system. If flames exit exhaust holes at top of heater, turn down propane valve. Housing color may darken with use but will usually return after system has cooled. Note, discoloration is not covered by warranty.

Under certain conditions hotter water can be obtained by turning gas valve down.

Test water temperature before use. If too hot, turn down gas valve, if not hot enough recycle water as defined on prior page.

If using weak batteries, it may necessary to apply suction to shower head to initiate water flow (heater must be off).

When using the optional garden hose adapter adjust water pressure to 1 gallon from the shower head in 2 min 30 sec. Water pressure higher than this will result in cooler water temperatures.

Storage case is NOT waterproof. Insert plastic bag (not included) inside storage case before adding water to bag.

When heater is on, small water drops caused by condensation will drip from bottom. This is normal, heater is NOT leaking.

Do not obstruct or restrict the flow of air for combustion. Keep all flammable material at least 15 feet away from heater.

Visually check burner for blue flame. If flame is yellow propane tank may be low and may need replacing with new gas tank.

In cold climates prevent freeze damage to coil, drain all water from coil by blowing on shower head for 10 seconds.

Remove propane cylinder from system during transport and storage. Do not store propane indoors.

Zodi options and upgrades for your Hot Tap Shower

Zodi Hut

Enjoy privacy anywhere with this self supporting hut. Extra big almost 4 feet wide per side.



Zodi Hard Case

Great for storing and transporting your Hot Tap. Also serves as a 4 gallon water container.



6 Volt Pump

6 volt replacement pump includes 4 ft power cable and water tight battery case.



Zodi Shower Pole

Enjoy hands free showering. Adjustable height. Works with all Zodi showers and Huts.



800-589-2849

www.zodi.com





Warning



Read all instructions and warnings before operating heater and follow all instructions and warnings when operating heater to avoid possible fire, serious injury, death or property loss.

Read, understand and follow the instructions printed in the separate instruction manual, printed on the product, and the printed warnings on this page before operating this product. Read and follow all directions and warnings printed on propane cylinder. Zodi assumes no responsibility for improper use.

Failure to comply with all instructions printed in the separate instruction manual, printed on product, and printed below can result in serious bodily injury, death and or property loss. Read and follow all directions and warnings printed on propane cylinder. Zodi assumes no responsibility for improper use.

This device is powered with propane gas. Propane can explode, burn, and is a fire hazard. Never store propane indoors or near any heat source, near any open flames, near any pilot light, in direct sunlight, near any ignition source or where temperature exceeds 120°.

Do not use or store propane in confined areas. Propane gas is heavier than air and can accumulate in low areas. Do not store or use propane indoors, inside RV's, tents, or in any confined unventilated area.

Propane generates deadly carbon monoxide when ignited - do not operate this propane fueled heater indoors or in any confined space or serious injury or death can result. Operate only outdoors.

Do not attach heater to any propane source indoors - always attach heater to the propane source outdoors in a well ventilated area free of any ignition source or flame. Make sure connection is tight, is not cross threaded and is not leaking.

Keep heater outdoors and at least 48 inches away from other materials or surfaces when operating.

Keep all gas valve fittings and propane source connections clean at all times. If gas valve or gas source connection is dirty or damaged do not use.

The heater gets very hot when operating - do not touch any part of the heater above the gas valve until heater has been safely turned off and has safely cooled.

Remove propane source between uses and during periods that heater is not operating.

Do not transport or store heater with propane source connected.

Keep system out of reach of children.

Do not operate or leave heater unattended.

Do not change or alter this heater in any way or use this heater with any part or accessory not designed specifically for this product. Do not use this product for purposes other than what it was designed for.

Do not refill disposable propane cylinders. Dispose of gas cylinders in safe and responsible manner.

Use heater only when heater is safely connected to a vertical propane cylinder that is secured in support base that is safely positioned on flat ground to prevent tipping. If product tips during use, safely turn off gas valve and allow heater to cool. Do Not pull hoses during use - hoses should always be tension free during use.

If water flow slows or water temperature increases during use immediately point shower head away from body and turn off gas valve until proper water flow is regained.

FOR OUTDOOR USE ONLY- DO NOT OPERATE PROPANE FUELED PRODUCT INDOORS OR IN CONFINED AREAS.

Heater must be secure in this plastic base during use. This plastic base must be safely anchored to flat ground with 3 stakes when heating.

Keep heater out of reach of children. Use only 16.4 oz. propane cylinder that fits snug into base. Do not operate near flammable materials, liquids or vapors.

Heater gets hot during use. Allow system to cool before handling or storing.

Read separate direction manual before use.

Failures to follow directions may result in injury or death.



Patent Pending

www.zodi.com