



## **INSTALLATION INSTRUCTIONS**

### ***TANKLESS WATER HEATER***

**"NO TANK, NO WAIT, NO COMPARISON"**

**"THE MOST ADVANCED TANKLESS WATER HEATER  
IN TODAY'S MARKET"**



## IMPORTANT SAFETY INFORMATION

As when installing or using any high voltage electrical appliance, basic safety precautions should always be followed. Under no circumstances should you attempt to clean, install, inspect, repair, disassemble, or otherwise service this water heater without first shutting off all power to the unit directly at the breaker box.

SERIOUS BODILY INJURY OR DEATH COULD OCCUR IF YOU IGNORE THIS WARNING. THIS PRODUCT MUST BE INSTALLATION AND BEFORE USE. FAILURE TO DO SO COULD CAUSE PROPERTY DAMAGE OR SERIOUS PERSONAL INJURY OR DEATH, AND VOID YOUR WARRANTY. THIS WATER HEATER MUST BE INSTALLED BY A LICENSED ELECTRICIAN AND PLUMBER. PROOF OF INSTALLATION MUST ACCOMPANY THE WARRANTY CARD.

**PLEASE FOLLOW ALL RECOMMENDATIONS  
AND LOCAL CODE REQUIREMENTS.**

FAILURE TO FOLLOW PROPER PROCEDURE IS  
**HAZARDOUS**. IT CAN ALSO DAMAGE THE HEATER AND  
**VOID THE WARRANTY.**

**TURN OFF ELECTRICAL SUPPLY MAIN AND WATER SUPPLY  
BEFORE ATTEMPTING ANY INSTALLATION!**

**DO NOT TURN ON ELECTRIC OR WATER SUPPLY  
UNTIL INSTALLATION IS PROPERLY COMPLETED.**

- **DO NOT** remove the heater cover, open the unit or break the seal. This could cause **DEATH OR INJURY** and will **VOID THE WARRANTY**.
- **DO NOT** Install Heater, in a shower or any where it can be reached or adjusted by anyone while using water.
- **DO NOT** Operate the unit if water ceases to flow during use. Contact technical support for this or any other issue of concern, On the web at:

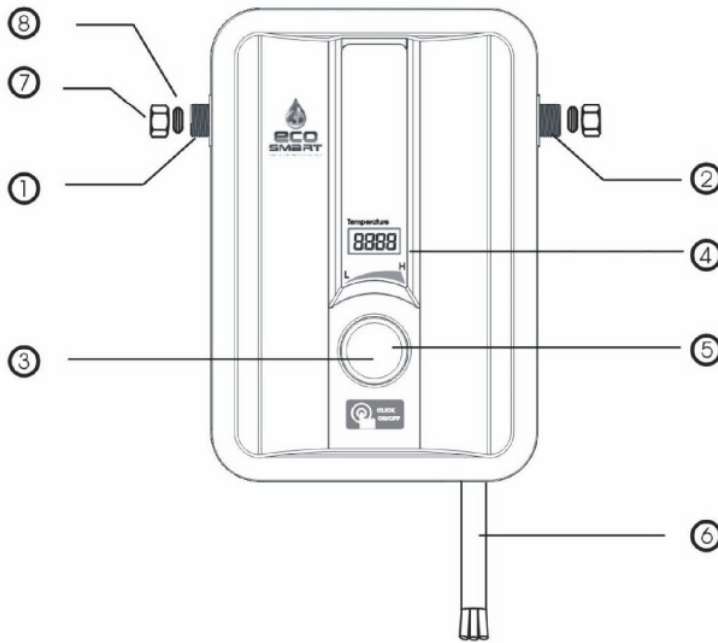
**WWW.ECOSMARTUS.COM**

Call: 305-623-7900 or 877-47-GOGREEN

- Although installation is simple, **DO** have a licensed Plumber & Electrician perform the installation.
- **COMPLY WITH LOCAL CODES AND PERMITTING!**



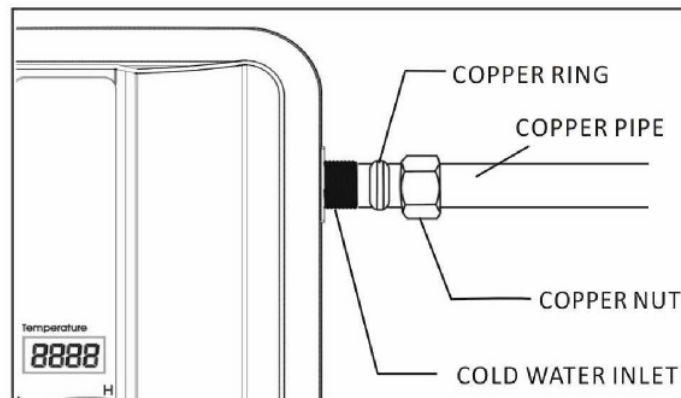
PART IDENTIFICATION



- ① Hot water outlet
- ② Cold water Inlet
- ③ °C/°F conversion
- ④ Setting Temp. Display
- ⑤ POWER KNOB & Temp. Controller
- ⑥ Wire
- ⑦ Copper ring
- ⑧ Copper nut



## PLUMBING



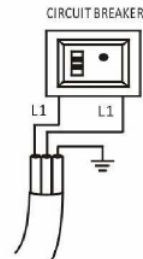
This water heater is supplied with 1/2" compression fittings, Do not weld or use Teflon or paste.  
Connect the cold water supply line to the right hand side.  
Connect the hot water supply line to the left hand side.

Once both water lines are fastened and secured you must run water through the unit for at least 2 to 3 minutes to flush any air pockets (purging) in the lines, it is recommended that all faucets, showers etc be run. Failure to follow this step can cause permanent damage to the unit. This procedure MUST be performed before any electrical power is turned on.



## ELECTRICAL CONNECTION

- The electrical installation is based on the different Models, ECO11-ECO6 come supplied with required wires. Unit must be installed to independent double pole breakers as per Model specs below.



### • ELECTRICAL SPECIFICATIONS BY MODEL#

MODEL	REQUIRED BREAKER	MAX AMP DRAW	AWG Cable
ECO-11	1x60AMP	56	#6
ECO-8	1x40AMP	37	#8
ECO-6	1x30AMP	28	#8

Check all wires to make sure they are securely fasten and tight. Before turning the power on make sure the system has been flushed as required in the plumbing section. When the unit is powered up the GREEN LED indicator light with turn ON and then OFF. This is normal.

## HOW TO USE THE KNOB

### 1. POWER KNOB.

- Click the power knob , the unit will be ON  
Click the power knob again, the unit be OFF

### 2. °C/°F conversion

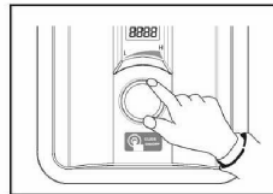
- Press the knob for 3 seconds, the display will change °C/°F .





**3. Temperature controller knob**

- Turning it clockwise increases the setting temperature thus increasing the outlet temperature.
- Turning it Anti-clockwise decrease the setting temperature thus decreasing the outlet temperature.



You can set or adjust your temperature at any time between 0°F -125°F (0°C -51°C ) The temperature can be changed to your desired setting. The Temperature Indicator light will only stay on when there is hot water in use.

**VERIFY ALL VOLTAGE & AMPERAGE INFO LISTED BELOW, WITH THE ACTUAL LABEL SPECIFICATIONS ON YOUR UNIT, FOR ANY CHANGES OR VARIATIONS**

MODEL	KW	VOLTS	AMPS	BATHS SUPPLIED	FLOW RATE IN GALLONS PER	RISE IN WATER TEMP FULL CAP. IS LOWER TMP.
ECO-11	11.8KW	220V	54	UP TO 2½	UP TO 4. GPM	24° - 95°
ECO-8	8.2KW	220V	37	UP TO 1½	UP TO 3. GPM	25° - 87°
ECO-6	6.4KW	220V	30	1	UP TO 2. GPM	21° - 51°

**WIRE GAUGE AND BREAKER SIZE CAN VARY BASED ON A NUMBER OF FACTORS INCLUDING SUPPLIED VOLTAGE AND LENGTH OF CIRCUIT CHECK LOCAL REQUIREMENTS.**

MODEL	WIRE	VOLTAGE & AMPERAGE	BREAKER SIZE
ECO-11	#6	2-60 AMP 110V HOT + 1 GROUND	60 AMP DOUBLE POLE
ECO-8	#8	2-40 AMP 110V HOT + 1 GROUND	40 AMP DOUBLE POLE
ECO-6	#8	2-30 AMP 110V HOT + 1 GROUND	30 AMP DOUBLE POLE



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