

QUICK INSTALL GUIDE



**eco
SMART**
TANKLESS WATER HEATERS

Models: Eco 18-21-24-27

This is a quick install reference guide, you must follow the complete installation instructions and homeowners manual included with the unit.

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 INSTALLED BY A QUALIFIED ELECTRICIAN AND PLUMBER IN ACCORDANCE WITH ALL NATIONAL, STATE, PROVINCIAL, AND LOCAL ELECTRICAL AND PLUMBING CODES. PLEASE READ THESE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE 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.

Plumbing Connection

The Eco 18-27 series is supplied with 3/4" NPT connections, DO NOT weld or use TEFLON tape or PASTE. Water heater hoses are strongly recommended. Connect the COLD water supply line to the right side of the unit and the HOT water line to the left side of the unit.

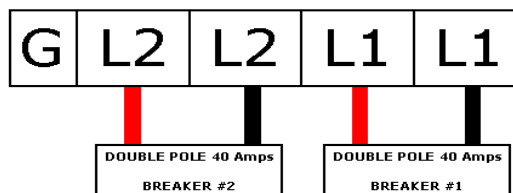


HOT WATER ← → COLD WATER

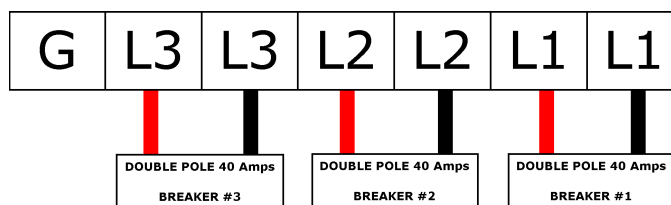
Once both water lines are fastened and secured you MUST run water through the unit for at least 2 minutes to FLUSH any air pockets (purging) in the lines, it is recommended that all faucets, showers etc be run. Failure to follow this step can cause permanent damage to the unit. This procedure MUST be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

Electrical Connection

18 requires (2) sets of wires.



Eco 21 - 24 & 27 requires (3) sets of wires.



All wires must be connected to independent double pole breakers.

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 turn the control knob to turn ON the GREEN LED indicator light with turn. You can set or adjust your temperature at any time between 80°F - 140°F (26° - 60°).



ELECTRICAL SPECIFICATIONS

Model	Required Breaker	Max Amp Draw	AWG Cable
Eco 18	2 x 40A DP	75.0	#8 / 2 sets
Eco 21	3 x 40A DP	87.5	#8 / 3 sets
Eco 24	3 x 40A DP	100.0	#8 / 3 sets
Eco 27	3 x 40A DP	112.5	#8 / 3 sets



Installation Question

(877) 474-6473
info@ecosmartus.com