

# EnerWorks Residential Thermal Energy Controller



## PRODUCT DESCRIPTION

- The EnerWorks Thermal Energy Controller controls and monitors the EnerWorks Residential Water Heating Appliance
- Controller ensures that appliance is operating properly
- Displays amount of energy produced and money saved
- Traditional fuel sources are displaced by solar and resulting reduction in CO<sub>2</sub> is displayed
- Remote display monitors appliance from anywhere in the home

## KEY FEATURES AND BENEFITS

- Controls appliance to achieve optimum performance
- Displays dollar savings based on price of auxiliary fuel (electricity, natural gas, propane, or oil)
- Calculates reduction in carbon dioxide emissions based on amount of auxiliary fuel being offset
- Continuous monitoring of appliance reports on pump operation, solar energy collected, and household water use
- Alerts homeowner to necessary maintenance
- Displays collector and storage tank temperatures
- Capable of displaying values in metric or U.S. customary units
- Easy to wire during installation
- Large displays include icons indicating system status
- Able to control pump for secondary applications such as pool or space heating
- Load-shifting options available for Space-Saver™ Residential Solar Water Heating Appliance

## PRODUCT TECHNICAL SPECIFICATIONS

- 5 <sup>3</sup>/<sub>16</sub>" x 3 <sup>1</sup>/<sub>16</sub>" (132 mm x 94 mm)
- Liquid-crystal display
- Four function buttons: menu, enter, up, down
- Terminal connections on bottom of Controller for safety
- Wireless communication with remote Monitor using 802.15.4 protocol - does not interfere with cordless phones or wireless networks
- Programmable to adjust inputs, such as fuel type, fuel costs, and display units
- Allows user to turn pump on/off in manual mode or to select recommended automatic mode
- Allows installer to set maintenance reminders

