

# EnerWorks

## Solar Energy Unit 100–160kW



### PRODUCT DESCRIPTION

- Solar Heat Exchange system in a compact housing
- Integrated pump, heat exchanger and controls for commercial solar arrays
- Intelligent control system for reliable performance and extended service intervals
- Pre-assembled and factory-tested for quick installation

### KEY FEATURES AND BENEFITS

- Variable multi-speed pumps minimize operating costs and allow tuning of Solar Energy Unit to site conditions
- Compatibility with EnerWorks' Micro-Flow Collectors further reduces pumping costs
- Turn-key, for hassle-free installation
- Automatic back-flush of heat exchanger reduces service requirements
- Double-wall heat exchanger with visual leak-detection
- Tuneable PLC control optimizes performance
- Options include: energy metering, control for external heat exchanger operation, integration with building systems, external alarm
- Heat exchanger bypass during cold start-ups
- Reliable and quiet circulating pumps

### PRODUCT TECHNICAL SPECIFICATIONS

- Incoming power – 240 V/ 60 Hz – 3-wire Single-phase – 30-amp circuit
- Sensor connections – 24 V DC on Class 2 circuit
- Tyfocor™ heat transfer fluid
- Connections to min. 2" (50.8 mm) copper or to Black Pipe (dielectric union required)
- Installation requires pressure relief valve and expansion tanks



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