

# THE ENERWORKS ENERGY TERMINAL



## KEY FEATURES AND BENEFITS

- Variable-speed pumps minimize operating costs and allow tuning of the Energy Terminal to site conditions
- Compatibility with EnerWorks Premier Efficiency Collectors further reduces pumping costs
- Integrated for hassle-free installation
- Automatic back-flush of heat exchanger reduces service requirements
- Double-wall heat exchanger with visual leak-detection
- Daily, automatic valve-exercising
- 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 SPECIFICATIONS

- Incoming power – 120/240 VAC 60 Hz, 3-wire singlephase
- Sensor connections – 24 V DC on Class 2 circuit
- Tyfocor™ heat-transfer fluid
- Installation requires pressure relief valve and expansion tanks

Number of Collectors	ET Rating		Width		Depth		Height		Circuit Amperage	Connections	
	kW <sub>th</sub>	BTU/hr	in.	mm	in.	mm	in.	mm	A	∅ in.	∅ mm
20	40	135,000	64.5	1638	31	787	65	1651	15	1¼	31.75
40	80	275,000									
60	100	340,000	88.5	2248	39.5	1003	74.5	1892	20	2	50.8
80	160	545,000									
100	200	680,000	88.5	2248	39.5	1003	74.5	1892	30	2	50.8
120	300	1,000,000									

## PRODUCT DESCRIPTION

- Solar heat-exchange system in a compact housing
- Integrated pumps, 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