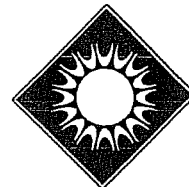


# FLORIDA SOLAR ENERGY CENTER

1679 CLEARLAKE ROAD, COCOA, FLORIDA 32922-5703 (321) 638-1000



## Approved Solar Energy System

FSEC # S9193

Approval Date: OCT 2006

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### DISTRIBUTOR

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Alternate Energy Technologies, LLC  
1057 N. Ellis Road, Suite 4  
Jacksonville, FL 32254

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### SYSTEM

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DX-120-64

This system was evaluated by the Florida Solar Energy Center (FSEC) in accordance with the Florida Standards Program For Solar Domestic Water and Pool Heating Systems (FSEC-GP-7-80) and was found to meet the minimum standards established by FSEC.

The calculated Florida Energy Factors for this system are:

	<b>North</b>	<b>South/Central</b>
	2.8	3.1

## Description

Collector Manufacturer	Model Number	Units	Total Rating (Btu)
1. Alternate Energy Tech	AE-32	2	55,000
2.			
3.			
4.			

Tank Manufacturer	Model Number	Capacity (gal)	Type: Indirect
1. American Water Heater	SE62-119H-045S	119	
2.			
3.			
4.			

Pump Manufacturer	Model Number	Power Draw (Watts)	Rated Power
1. Taco, Inc.	009-F5	160	1/8 H.P.
2. Taco, Inc.	003-BC4	50	1/40 H.P.
3.			
4.			

Controller Manufacturer	Model Number	Type: Differential temperature
1. Independent Energy	GL-30-LCO	
2.		
3.		

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### Freeze Protection

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1. Drain down
- 2.
- 3.

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### Other Major Components

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1. Heat exchanger - Energy Laboratories model DB-10-10XSS
- 2.

If further information is required you may contact the Florida Solar Energy Center at the above address.

