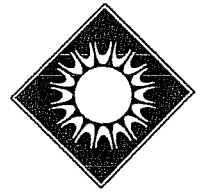


# FLORIDA SOLAR ENERGY CENTER

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



## Approved Solar Energy System

FSEC # S9195

Approval Date: OCT 2006

DISTRIBUTOR	SYSTEM
Alternate Energy Technologies, LLC 1057 N. Ellis Road, Suite 4 Jacksonville, FL 32254	DX-120-96

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>
	4.2	4.5

### Description

Collector Manufacturer	Model Number	Units	Total Rating (Btu)
1. Alternate Energy Tech	AE-32	3	82,500
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.		

Freeze Protection
1. Drain down
2.
3.

Other Major Components
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.

Alternate Energy Technologies, LLC  
Domestic Solar Water Heating Systems  
DX-120-96

