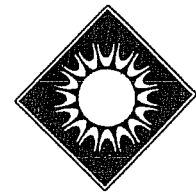


# FLORIDA SOLAR ENERGY CENTER

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



## Approved Solar Energy System

FSEC # S9126

Approval Date: MAR 2002

Revision Date: FEB 2008

DISTRIBUTOR	SYSTEM
Alternate Energy Technologies, LLC 1057 N. Ellis Road, Unit 4 Jacksonville, Florida 32254	DB-80-64

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>
	3.1	3.4

### 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. Rheem Mfg.	81V-80-HE-1	80	
2.			
3.			
4.			

Pump Manufacturer	Model Number	Power Draw (Watts)	Rated Power
1. TACO	CP-009BF5-J	150	1/8 H.P.
2.			
3.			
4.			

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

Freeze Protection
1. Drainback
2.
3.

Other Major Components
1.
2.

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

## APPENDIX E: THE DRAINBACK PLUMBING SCHEMATIC

