



Approved Solar Energy System

FSEC # S00221B

Approval Date: May 8, 2012

DISTRIBUTOR

SYSTEM

Techno-Solis
301 20th St. South St.
St. Petersburg, FL 33712

TS-EZ-80-40 Direct

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 Standard 104-10) and was found to meet the minimum standards established by FSEC.

	North	Central	South
The calculated Florida Energy Factors for this system are:	2.9	3.8	4.3

DESCRIPTION

Collector Manufacturer	FSEC Number	Model Number	Units
1. Ezinc Metal Sanayi ve Ticaret A.S.	00535N	Superline XXL USB	1
2.			
3.			

Tank Manufacturer	Model	Capacity (gal)	Type: Direct
1. Lochinvar	FTA 082K	80	
2. Any Equivalent UL Listed Tank	Direct	80	
3.			

Pump Manufacturer	Model Number	Power Draw (Watts)	Type: AC
1. Taco	006BC4	75	
2. March	809-BR	30	
3. Grundfos	UP1518	85	
4. Wilo	Star 8	50	

Controller Manufacturer	Model	Type	Differential
1. Goldline	GL-30		
2. Goldline	GL-30LCO		
3. STECA	TRO301U		
4.			

Freeze Protection

1. Manual drain down
2. Freeze protection valve





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