



CERTIFIED SOLAR THERMAL SYSTEM

SUPPLIER:
Alternate Energy Technologies
 1345 Energy Cove Court
 Green Cove Springs, FL 32043 USA
 www.aetsolar.com

MODEL: DX-65-40/42
 THERMAL SYSTEM Pumped, Indirect
 TYPE:
 CERTIFICATION #: S00108G
 Original August 27, 2010
 Certification:
 Expiration Date: August 27, 2030

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.

The calculated Florida Energy Factors (FEF) for this system are:		
FEF North (FEF _N)	FEF Central (FEF _C)	FEF South (FEF _S)
2.50	3.20	3.40

Option	Collector Panel Manufacturer	Collector Panel Certification Number	Collector Panel Model Number	Quantity	Total Panel area	Total Panel area
1	Alternate Energy Technologies	00213N	MSC-21	2	4.00 (m ²)	43 (ft ²)
	Alternate Energy Technologies	00081N	AE-21	2	3.86 (m ²)	41.54 (ft ²)
	Alternate Energy Technologies	00090N	AE-40	1	3.70 (m ²)	39.79 (ft ²)

Tank Manufacturer	Model	Capacity	Type	Equivalent Tank may be substituted
AET	DB-10-10XSS		Drainback	YES
Lochinvar Corp.	FTS066	250 liter	Solar	YES

Pump Manufacturer	Model Number	Power Draw	Type
TACO	009VT		Centrifugal
TACO	003-ST4	40 W	Centrifugal
TACO	003-BC4	50 W	Centrifugal
TACO	009-F5K	160 W	Centrifugal

Controller Manufacturer	Model Number	Type
Independent Energy	GL-30-LCO	Differential
Taco, Inc.	009-VTFSK	Differential

Freeze Protection 1: Drainback
Freeze Protection 2: Fluid

REMARKS:

Joseph Walters
 Technical Director



Missing System Diagram Image

If you need System diagram image please contact FSEC
at thermal@fsec.ucf.edu.

