



Application for Solar DHW System Approval

Version 20110929

Applicant Information	Vendor Name:	Contact Name:
	Mailing Address:	Telephone Number:
	City, State, & Zip:	System Designation:

Collector Alternatives	Model No.	Manufacturer's Name & Address	No. Used	Rating; BTU/Day	Total Rating	

Pump Alternatives	Model No.	Manufacturer's Name & Address	Rating HP	Rating Watts	

Controller Alternatives	Type (See Instructions):	
	Model No.	Manufacturer's Name & Address

Storage Tank Alternatives	Model No.	Manufacturer's Name & Address	Gallons

Heat Exchanger	Specify if you use a heat exchanger AND if it is separate from the storage tank.	
	Model No.	Manufacturer's Name & Address



Heat Transfer Fluid	Specify only if there are fluids used in the system other than potable water or air.	
	Manufacturer's Name & Address	Brand Name

Miscellaneous Requirements	Piping/Tubing Material: _____ Diameter: _____ Schedule: _____	Method(s) For Collector Freeze Protection: <input type="checkbox"/> Recirculation <input type="checkbox"/> Anti-Freeze Fluid <input type="checkbox"/> Thermally Operated Freeze Protection Valve <input type="checkbox"/> Drain-back or draindown <input type="checkbox"/> Other: _____
	Method To Prevent Thermosyphon Losses: <input type="radio"/> Motorized Check Valve Make & Model: _____ <input type="radio"/> Gravity Check Valve Make & Model: _____ <input type="radio"/> Other: _____	

Additional Documentation	Please remember the following requirements when submitting an application:
	<input type="checkbox"/> System diagram, on 8 ½ x 11 " page, showing all components in their intended arrangement. <input type="checkbox"/> Completed <u>System Plumbing Sheet</u> for all items used on the system. Include working fluid and/or flow rate recommendations or restrictions. If a heat transfer fluid other than water is to be used, thermal conductivity and toxicity shall be provided. <input type="checkbox"/> Manual describing system operation and maintenance for the owner. More than one system may be described in a manual. Complete the <u>Manual Checklist</u> , include page numbers of each required item. <input type="checkbox"/> Product warranty.

Completed application and all attachments must be submitted in PDF format to:
thermal@fsec.ucf.edu