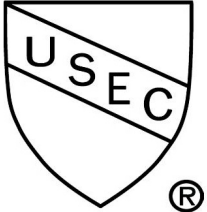


# IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 • (909) 472-4100 Fax (909) 472-4244 • [www.iapmo.org](http://www.iapmo.org)



## CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Effective Date: December 2012

Void After: December 2013

Product: Collectors (Flat Plate)

File No. S-5038

Issued To: Alternate Energy Technologies LLC  
851 Energy Cove Court  
Green Cove Springs, FL 32043

Identification: Permanent label showing manufacturer's name or trademark, model numbers or name and USEC® certification mark.

Characteristics: Flat plate thermal collectors for use in spa, pool, space or domestic water heat exchanger systems and energy storage. Sizes and weights are as shown. To be installed in accordance with the manufacturer's instructions and the provisions of the latest edition of the Uniform Solar Energy Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Solar Energy Code (USEC®)  
International Plumbing Code (IPC®)

Products are in compliance with the following standard(s):

SRCC Standard 100-2008

  
Chairman, Product Certification Committee

  
CEO, The IAPMO Group

For the most accurate and updated information please visit <http://pld.iapmo.org/S-5038>

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.





# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

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Void After: December 2013

Product: Collectors (Flat Plate)

File No. S-5038

Issued To: Alternate Energy Technologies Llc

### MODELS:

AE Series, MSC Series

Model No.	Gross Area (ft <sup>2</sup> )	Dry Weight (lbs)	Fluid Capacity (gals)	Test Pressure (psig)	Max. Oper. Temp (°F)
AE-21	20.8	74	0.70	160	350
AE-24	23.7	84	0.76	160	350
AE-26	25.3	90	0.90	160	350
AE-28	27.9	99	0.96	160	350
AE-32	31.8	113	1.05	160	350
AE-40	39.7	153	1.22	160	350
MSC-21	21.4	76	0.70	160	350
MSC-24	24.4	87	0.76	160	350
MSC-26	25.9	91	0.90	160	350
MSC-28	28.6	102	0.96	160	350
MSC-32	32.6	116	1.05	160	350
MSC-40	40.6	151	1.22	160	350