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**CAPACITY TESTS OF A UNITED STATES THERMOAMP HEAT SIPHON HEAT PUMP POOL HEATER  
MODEL NUMBER Z575HC  
SERIAL NUMBER 11K025**

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**General**

This Report gives the results of a High and Low Temperature Capacity Test for a HEAT SIPHON Model Z575HC / Serial 11K025 Heat Pump Pool Heater. The work was authorized by Quote No. 500341182 and testing was coordinated through client's representative, Mr. Nathan Yacobucci.

The client supplied the sample, which was assumed to be in new condition.

**Test Method**

The Capacity Tests were conducted in accordance with ANSI/ASHRAE Standard 146-2006, and AHRI Standard 1160(I-P)- 2009.

The pool heater had water piped to it and psychometric samplers were put next to the unit to measure the ambient temperature.

- Notes: (1) The results contained in the report are for technical evaluation only and are applicable only to the specific test specimen referenced within the report.
- (2) The tests reported have not been performed at the request of the Air-Conditioning, Heating, and Refrigeration Institute, and use of these findings by United States ThermoAmp, Inc. in any advertising or other literature shall state that the test is not part of the AHRI Certification Program.

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**Results of Tests**

	High Temperature	Low Temperature
<b>Air Temperatures, °F Adjacent to Inlet of Test Unit</b>		
Indoor, Dry-Bulb	81.09	50.26
Indoor, Wet-Bulb	71.37	44.62
Barometer, Hg	28.690	28.681
<b>Water Temperatures, °F</b>		
Water Temperature Inlet	79.78	79.53
Water Temperature Outlet	83.94	82.27
Water Flow rate, GPM	54.97	54.93
<b>Electrical Input</b>		
Test Voltage, Volts	228	228
Line Current, Amps	25.4	24.9
Power Input, Watts	5,471	5,357
Frequency, Hertz	60	60
<b>Performance</b>		
Total Capacity, Btuh	114,687	75,265
Coefficient of Performance	6.144	4.119

**Conclusion**

The results of these tests are for technical evaluation by United States ThermoAmp, Inc. only and are applicable only to the specific test specimens described.

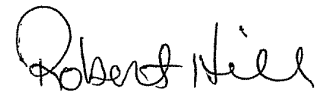
Date of Tests: November 16, 2011

Tests Supervised by:



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