

Job No. 3104644-412

Date: September 20, 2006

REPORT NO.3104644-CRT-001
COVERING WATER REMOVAL
CAPACITY TESTS OF A
"PHOENIX" DEHUMIDIFIER
MODEL NO. R175
SERIAL NO. E0684250

RENDERED TO
DRI – EAZ PRODUCTS
15180 JOSH WILSON ROAD
BURLINGTON WA 98233

General

This report gives the results of a Water Removal Capacity Test of a "PHOENIX" Model No. R175 and Serial No. E0684250. The client supplied the sample, which Intertek received on "September 1, 2006". The test sample was assumed to be in new condition. Testing was conducted at Intertek, 3933 U.S. Route 11, Cortland NY, 13045.

The work was authorized by Quote No. 500005764, and the testing was coordinated through client's representative, Mr. Steven Klein.

An independent organization testing for safety, performance, and certification.

This report is for the exclusive use of Intertek Client and is provided pursuant to the agreement between Intertek and its Client. Intertek responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to copy or distribute this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Test Method

The Water-Removal Capacity tests were performed in accordance with ANSI/AHAM DH-1-92.

The sample was placed in a temperature humidity-controlled room which was equipped and instrumented for the specific purpose of conducting the above type test. The air velocity in the vicinity of the test sample was in the range of 40 fpm. The psychrometer apparatus for measuring the quality of entering ambient air was a typical "ASHRAE" type, with the air sampler placed 1 ft. away from the intake side of the unit.

Results of Tests

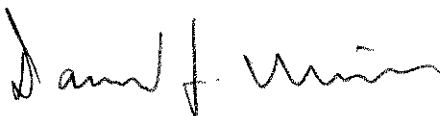
Water Removal Capacity Test	
Duration of Test Period, hrs.	6
Weight of Water Collected During Test Period, lbs.	18.88
Average Quality of Entering Air Temperature, °F	
Dry-Bulb	80.05
Wet-Bulb	69.70
Relative Humidity, percent	60.05
Barometric Pressure, in. Hg.	28.96
Electrical Characteristics	-
Voltage, volts	120
Frequency, hz	60
Current, amps	6.09
Power Input, watts	679
Capacity, pts/liters 24 hrs	
Measured	72.62/34.36
Adjusted	71.85/33.99
Energy Factor L/kwh	
Measured	2.10
Adjusted	2.08

Conclusion

The results of the tests are for technical evaluation by Dri – Eaz only and are applicable only to the specific test specimen described.

Date of Test: September 16, 2006

Test Performed by:



Daniel J. Mieras
Technician

Report Approved by:



Eric Baker
Associate Engineer

