

ANALYSIS & EVALUATION SHEET



SAVINGS ON WINDOW AC UNIT

Company: Hospital in San Juan, Puerto Rico

Unit Information from nameplate:

Make: <u>White Westinhouse</u>	Model: <u>AS246P2C3</u>	
Serial: <u>JK52509378</u>	Tonnage or BTU: <u>24.000</u>	
Line Voltage: <u>208</u>	Amp: <u>15-16</u>	Phasing: <u>1</u> PF: <u>90</u>

24 HRS TEST PRIOR TO INSTALL

Beg Date 22.11.2006
 Beg Time 10:10 A.M.

Thermostat set point

Setting Inside 11
Temp Inside
 Min 69.0°
 Aver 71.4°
 Max 82.8°

Ambient Temp

Min 74.9°
 Aver 86.2°
 Max 110.8°

Humidity Conditions

Humidity Inside
 Min 39,7%
 Aver 50,2%
 Max 60,5%

Humidity Outside

Min 39%
 Aver 64%
 Max 93%

Power Consumption (Kw·h)

Meter initial reading 111,3
 Meter final reading 237,2
 Total Kw·h consumed 125,9

Witnesses

ING. MARTINEZ **By:** Customer

WMM GSS

Data Collected Date 24.11.2006
 Data Collected Time 10:00 A.M.

24 HRS AFTER INSTALL

Beg Date 24.11.2006
 Beg Time 10:45 A.M.

Thermostat set point

Setting Inside 11
Temp Inside
 Min 70.5°
 Aver 72.1°
 Max 79.9°

Ambient Temp

Min 74.7°
 Aver 86.8°
 Max 113.9°

Humidity Conditions

Humidity Inside
 Min 47,0%
 Aver 55,8%
 Max 64,9%

Humidity Outside

Min 38%
 Aver 67%
 Max 98%

Power Consumption (Kw·h)

Meter initial reading 238,2
 Meter final reading 387,8
 Total Kw·h consumed 149,6

Witnesses

M. LASSU **By:** Customer

WMM GSS

Data Collected Date 27.11.2006
 Data Collected Time 9:30 A.M.

Description	Total Kw·h	Tested Time (Hours)	Average Kw·h	Hourly Exp \$0,19	Annual Exp 70,00%
Total Kw·h consumed (before Installation) (1 Day: 23 Hours: 50 Minutes)	125,9	47,83	2,63	\$0,50	\$2.044,51
Total Kw·h consumed (after Installation) (2 Days: 22 Hours: 45 Minutes)	149,6	70,75	2,11	\$0,40	\$1.642,36
Kw·h/Money Saved			0,52	\$0,10	\$402,15
Savings %			20%		

* 16 Daily Hours Operation
 ** Average Annual Occupancy