

## ANALYSIS & EVALUATION SHEET AIRCOSAVER SAVINGS ON AC UNIT

Company: ESJ Tower  
 Installation Address: Room 567  
 Contact: Mr. Estrada y/o Pablo Phone Num: \_\_\_\_\_

**Unit Information from nameplate:**

Make: Carrier Model: Split Unit  
 Serial: \_\_\_\_\_ Tonnage or BTU: 18,000  
 Line Voltage: 208 Amp: 10 Phasing: 1 PF: 85

**24 HRS TEST PRIOR TO INSTALL**

Beg Date 10/20/2006  
 Beg Time 2:15 P.M.

**Thermostat set point**

Setting Inside 69°  
 Temp Inside  
 Min 70°  
 Aver 71°  
 Max 81°

**Ambient Temp**

Min 82°  
 Aver 97°  
 Max 98°

**Humidity Conditions**

**Humidity Inside**  
 Min 45%  
 Aver 53%  
 Max 73%

**Humidity Outside**

Min 42%  
 Aver 47%  
 Max 77%

**Power Consumption (Kw-h)**

Meter initial reading 0  
 Meter final reading 36.89  
 Total Kw-h consumed 36.89

**Witnesses**

AAD **By:** Customer  
WMM **By:** GSS

Data Collected Date 10/21/2006  
 Data Collected Time 2:15 P.M.

**24 HRS AFTER INSTALL**

Beg Date 10/23/2006  
 Beg Time 2:30 P.M.

**Thermostat set point**

Setting Inside 69°  
 Temp Inside  
 Min 70°  
 Aver 72°  
 Max 81°

**Ambient Temp**

Min 86°  
 Aver 97°  
 Max 99°

**Humidity Conditions**

**Humidity Inside**  
 Min 48%  
 Aver 63%  
 Max 71%

**Humidity Outside**

Min 45%  
 Aver 49%  
 Max 73%

**Power Consumption (Kw-h)**

Meter initial reading 88.29  
 Meter final reading 110.8  
 Total Kw-h consumed 22.51

**Witnesses**

AAD **By:** Customer  
WMM **By:** GSS

Data Collected Date 10/24/2006  
 Data Collected Time 2:50 P.M.

## SAVING ANALYSIS

Description	Total Kw-h	Tested Time (Hours)	Daily Exp \$0.19	Annual Exp 70% *
Total Kw-h consumed (before Installation)	36.89	24	\$7.01	\$1,791
Total Kw-h consumed (after Installation)	22.51	24.3	\$4.28	\$1,093
Kw-h/Money Saved	<b>14.38</b>		\$2.73	\$698
Savings %	<b>38.98%</b>			

\* Average Annual Occupancy

## INVESTMENT AND RETURN ON INVESTMENT

UNITS QTY	Unit Price	Total Investment	Total Annual Savings	ROI %	ROI Months
300	\$350	\$105,000	\$209,423	199.45%	6.0