

J&L Electric
Aircosaver Test
4 Ton Carrier Split System
San Antonio, TX

Without Aircosaver

File C:\J&L before Airco.log
 Test began at 5/23/11 8:30:00
 Test ended at 5/25/11 8:30:00

With Aircosaver

File C:\J&L after Airco.log
 Test began at 5/25/11 9:00:00
 Test ended at 5/27/11 9:00:00

<u>Measurement</u>	<u>Before</u>	<u>After</u>	<u>Units</u>	<u>Change</u>	<u>%Change</u>
Voltage, Phase 1, Ave:	121.3	121.1	volts	-0.2	-0.2 %
Voltage, Phase 2, Ave:	121.1	120.9	volts	-0.2	-0.2 %
Current, Phase 1, Ave:	7.3	6.1	amps	-1.1	-15.6 %
Current, Phase 2, Ave:	6.8	5.7	amps	-1.1	-15.6 %
Total True Power Ave:	1279.7	1075.2	Watts	-204.5	-16.0 %
Total VA Power Ave:	1692.4	1426.6	VA	-265.8	-15.7 %
Total Power Factor:	0.76	0.75		-0.00	-0.3 %
Energy, Total Elapsed:	61.41	51.60	KWH	-9.81	-16.0 %
Energy, estimated per month:	934.7	785.3	KWH	-149.4	-16.0 %
Cost, Total Elapsed:	\$6.14	\$5.16		-\$0.98	-16.0 %
Cost, estimated per month:	\$93.47	\$78.54		-\$14.94	-16.0 %

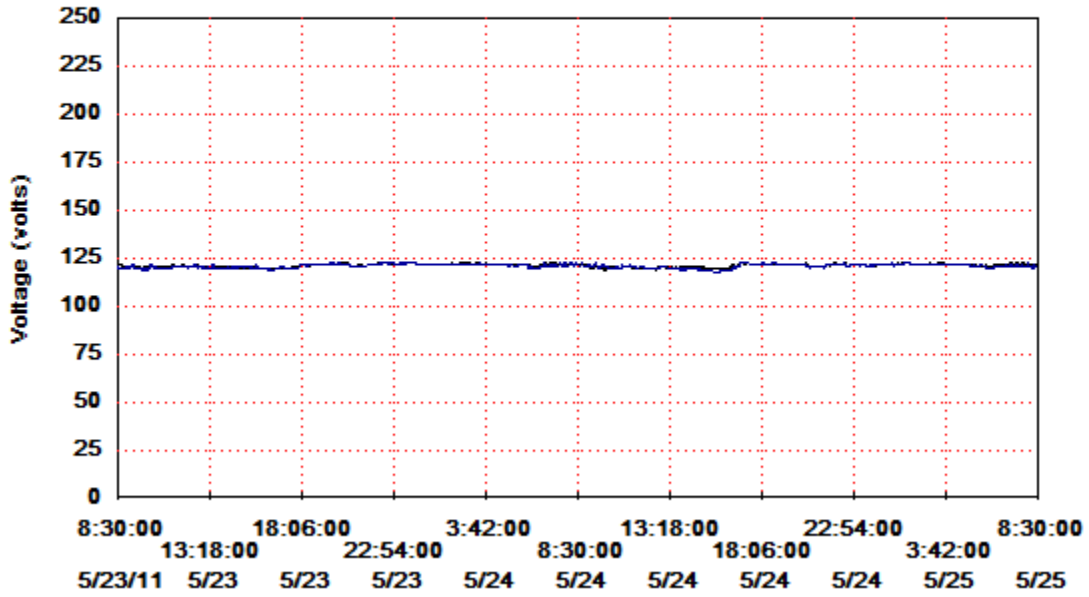
Daily High Temperature Avg 94°F 97°F
 Daily High Humidity Avg 84.5% 83.5%

Total Airco saving when adjusted for Temperature & Humidity is 18.1%.

(See graphed data below)

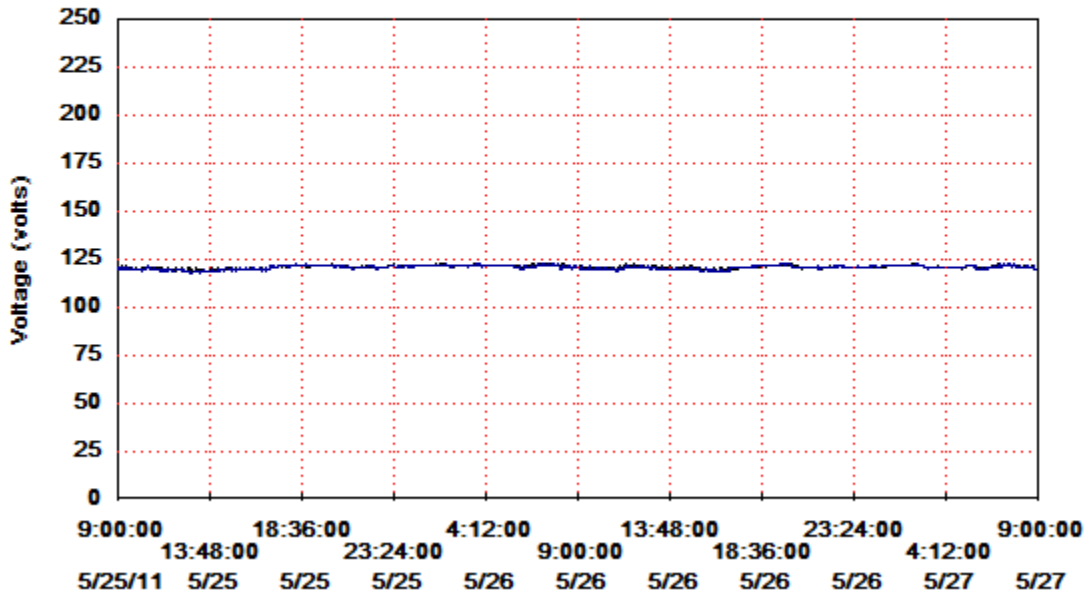
Before Aircosaver Data
J&L Airco test2

V1n Ave = 121.34 V2n Ave = 121.09



After Aircosaver Data
J&L Airco test2

V1n Ave = 121.12 V2n Ave = 120.88

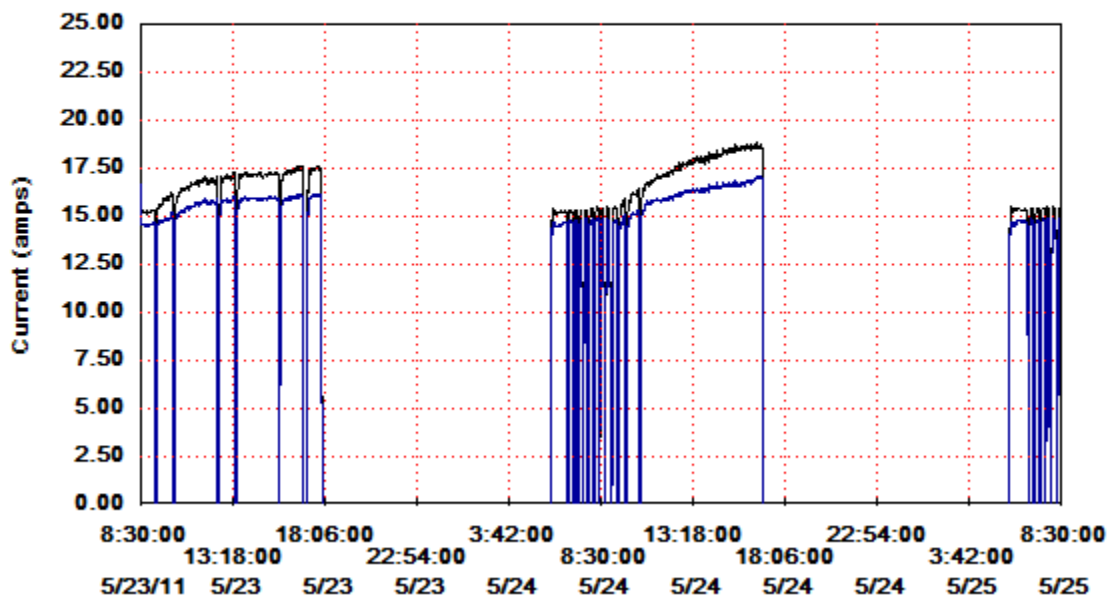


J&L Airco test2

I1 Ave = 7.27

I2 Ave = 6.79

In Ave = 0.00

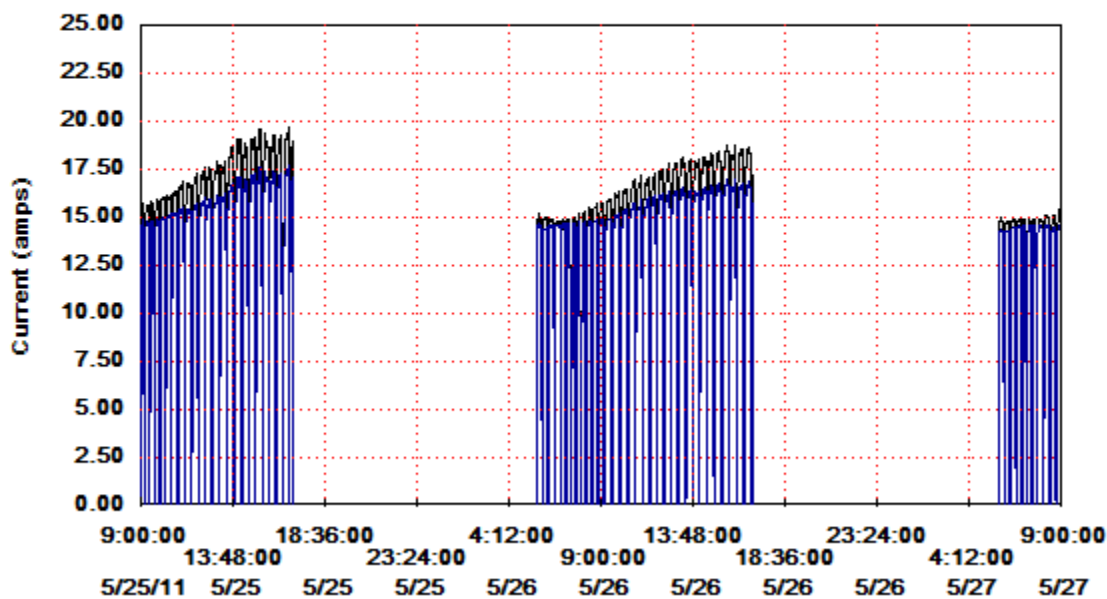


J&L Airco test2

I1 Ave = 6.13

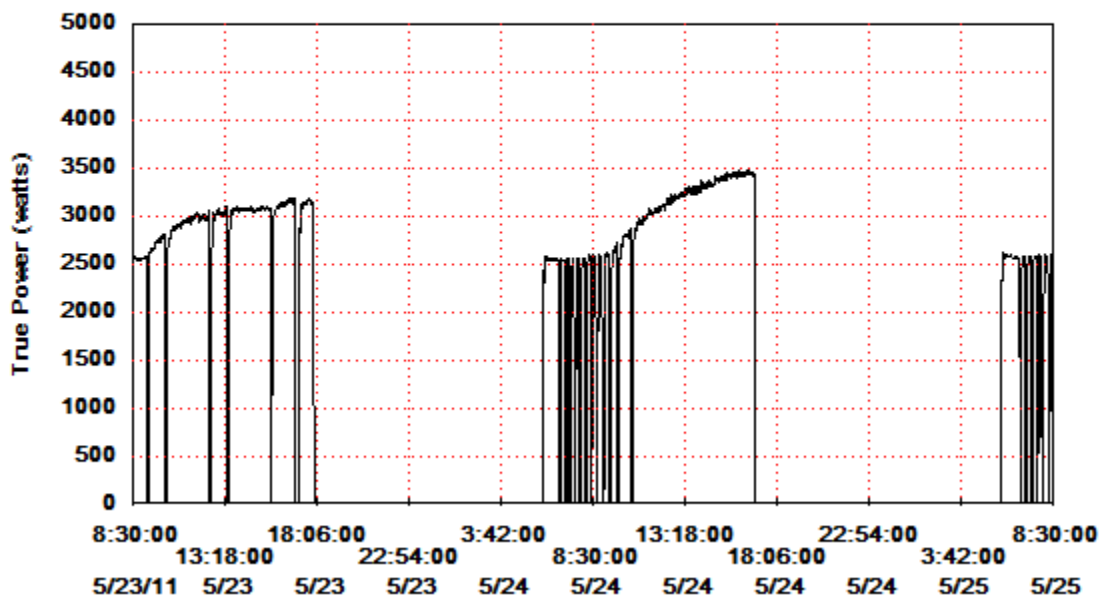
I2 Ave = 5.73

In Ave = 0.00



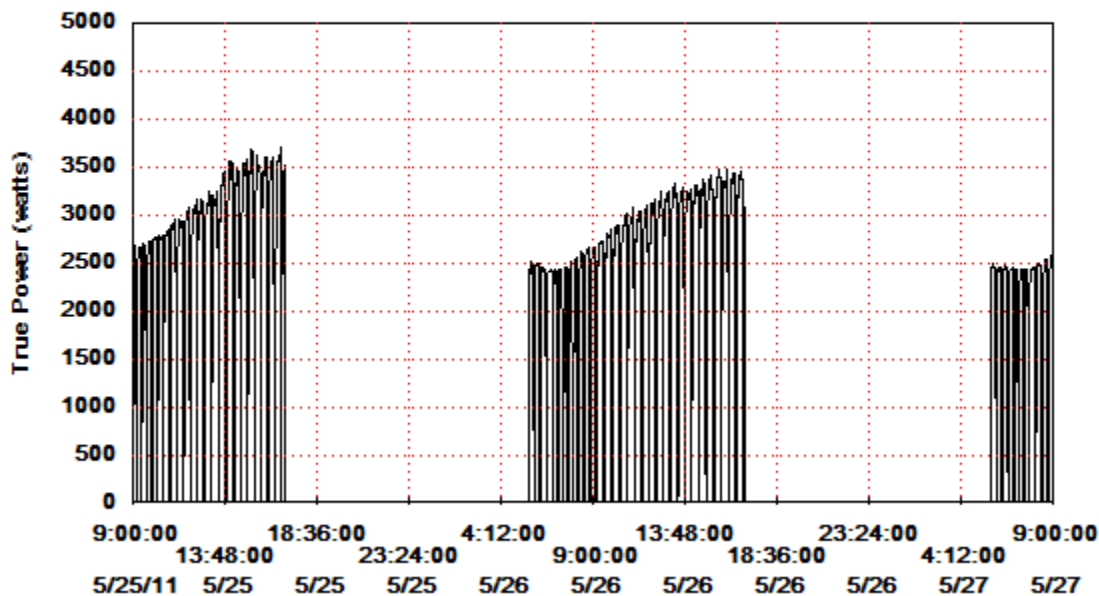
J&L Airco test2

□ Total = 1280.2



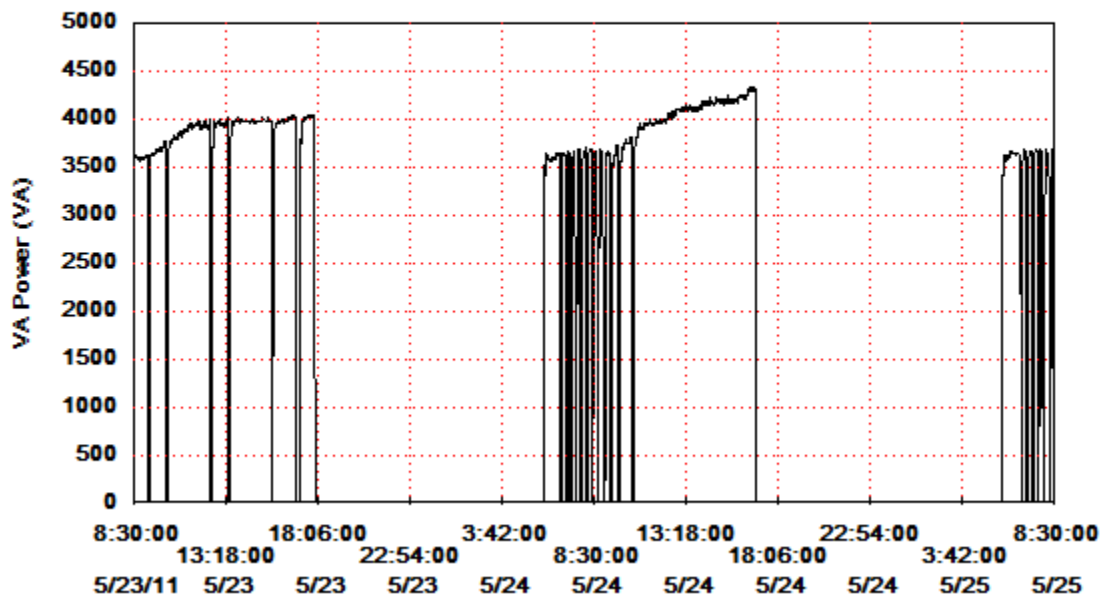
J&L Airco test2

□ Total = 1075.7



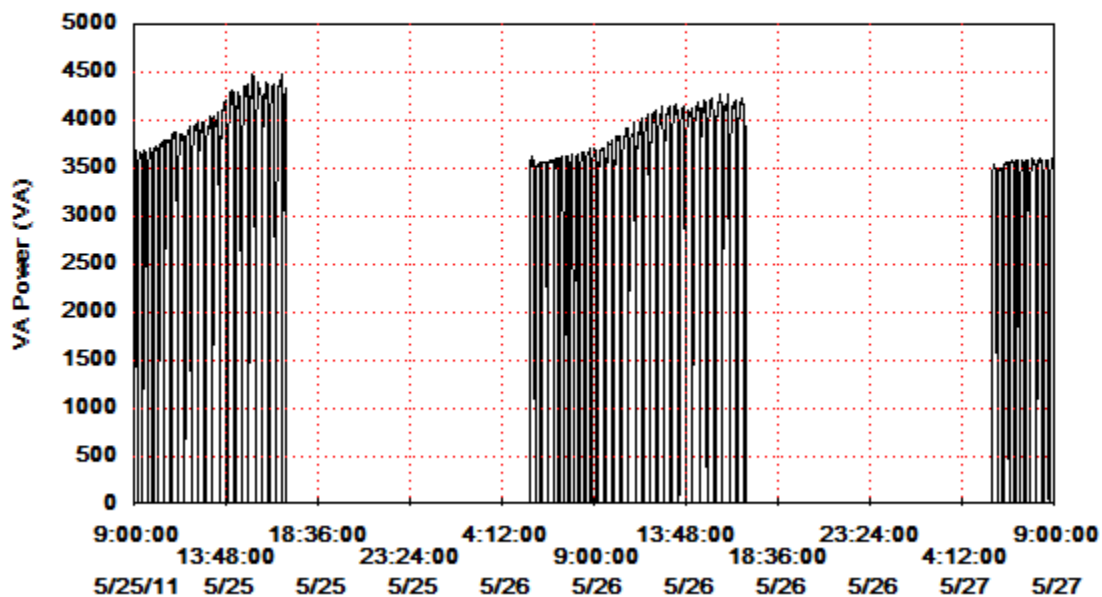
J&L Airco test2

□ Total = 1693.1



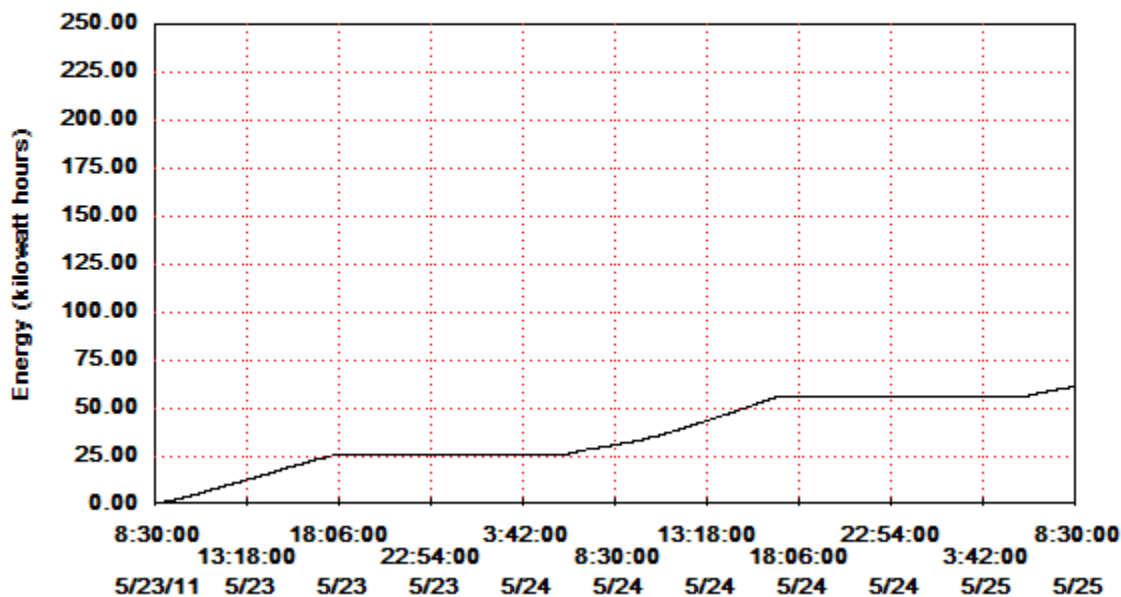
J&L Airco test2

□ Total = 1427.4



J&L Airco test2

□ Total = 61.43



J&L Airco test2

□ Total = 51.65

