

AIRCOSAVER TEST ON AIR CONDITIONER

Date: 28th September, 2010 **Test No.:** 1

Client: SIEMENS LTD.

Address: Box No. 85, Thane-Belapur Road, Thane-400 601.

Contact: Mr. Prasad Wani **Desig:** Plant Engineering - Planning Division

Tel: 2762 8172 **Mob:** 98208 20505

Make: Panasonic **Sr. No.:** **Cap:** 1.5 Ton

Type: Window / Split / Tower / Casette / Ductable **Compressor:** Reciprocating / Rotary / Scroll

Without Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	28/09	13:00	13:15	2:30	23'
Start	28/09	10:30	08:10	0.00	23'
Total			5.05	2.00	

With Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	28/09	16:00	17:07	2:30	23'
Start	28/09	13:30	13:15	0.00	23'
Total			3.92		

Units Consumed without Aircosaver per hr.: 2.02

Units Consumed with Aircosaver per hr.: 1.57

Savings in % = $\frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{0.45 \times 100}{2.02} = \underline{22.27\%}$

Payback Calculation:

Price of Power - Rs. _____ / KWh Run time of air conditioner: _____ Hrs./Day

Payback Period = $\frac{\text{Cost of Aircosaver}}{\text{Rs. saved per day}}$ = _____ = _____ Days

For Ecopower Pvt. Ltd.



 Client's Signature
 ALWA