

AIRCOSAVER TEST ON AIR CONDITIONER
Date: 15th Nov 2010 - 16th Nov 2010
Test No.: A/c-2
Client: TATA CONSULTANCY SERVICES
Address: Nyati Tiara, S. No. 103 / A - 1 / 129, Nagar Road, Yerwada, Pune - 411 006
Contact: Mr. Avinash Karalkar
Desig: Technical Executive
Tel: +91 - 20 - 6608 6165
Mob: 092255 07142
Make: Blue Star
Sr. No.: 50586
DPA-19835
Cap: 11 Ton

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

Without Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	15.11.10	17:30	307.7	5:00	25°
Start	15.11.10	12:30	268.6	0:00	25°
Total			39.1	5:00	

With Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	16.11.10	17:30	382.5	5:00	25°
Start	16.11.10	12:30	353.2	0:00	25°
Total			29.3		

Units Consumed without Aircosaver per hr.: 7.82
Units Consumed with Aircosaver per hr.: 5.80



$$\text{Savings in \%} = \frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{2.02 \times 100}{7.82} = 25.80 \%$$

Payback Calculation:
Price of Power - Rs. 7.00 / KWh

Run time of air conditioner: 12 Hrs./Day

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

For Ecopower Pvt. Ltd.



 Client's Signature