

AIRCOSAVER TEST ON AIR CONDITIONER

Date: 16-2-2017 Test No.: 1
 Client: V.M. Salgaocar & Brothers Pvt Ltd
 Address: Nasco, Goa
 Contact: Mr. Tushar Naik Desig: Chief Electrical engg
 Tel: _____ Mob: _____
 Make: L-G Sr. No. _____ Location: UPS Room
 Type: Window / Split / Tower / Cassette / Ductable Compressor: Reciprocating / Rotary / Scroll Cap: 1.5 Ton

Without Aircosaver					
	Date	Time in Hrs by Clock	Units	Meter Run time Hr Min	Temp
Stop	15-2	16:15	913.7		
Start	15-2	11:15	902.5		
Total		<u>5</u>	<u>11.2</u>		

With Aircosaver					
	Date	Time in Hrs by Clock	Units	Meter Run time Hr Min	Temp
Stop	16-2	16:15	965.8		
Start	16-2	11:15	956.0		
Total		<u>5</u>	<u>9.8</u>		

Units Consumed without Aircosaver per hr.: 2.24 Kw

Units Consumed with Aircosaver per hr.: 1.96 kw

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

$\frac{0.28 \times 100}{2.24} = 12.5\%$

Rate of Power - Rs. 8 / KWh

Run time of air conditioner: 12 Hrs./Day

Rs Saved Per Day = unit Saved Per Hr x Run Time Of AC x Rate Of Power = _____ = Rs. _____

Pay Back Calculations

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

Mr. P. Ghoghar

For Ecopower Pvt. Ltd.

[Signature]

Client's Signature