

AIRCO SAVER TEST ON AIR CONDITIONER

Date: 16-2-2017 **Test No.:** 2
Client: V.M. Balgocar & Brothers Pvt Ltd
Address: Vaico 909
Contact: Mr. Tushar naik **Desig:** chief electrical engg
Tel: _____ **Mob:** _____
Make: Bluestar **Sr. No.:** _____ **Location:** _____
Type: Window / Split / Tower / Cassette / Ductable **Compressor:** Reciprocating / Rotary / Scroll **Cap:** 5.5 Ton

Without Aircosaver						
	Date	Time in Hrs by Clock	Units	Meter Run time		Temp
				Hr	Min	
Stop	15-2	16:30	8308.4			
Start	15-2	11:30	8281.9			
Total		5	265			

With Aircosaver						
	Date	Time in Hrs by Clock	Units	Meter Run time		Temp
				Hr	Min	
Stop	16-2	16:30	8343.7			
Start	16-2	11:30	8321.4			
Total		5	22.3			

Units Consumed without Aircosaver per hr: 5.3 kw Units Consumed with Aircosaver per hr: 4.46 kw

Savings in % = $\frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}}$ = $\frac{0.7 \times 100}{5.3} = 13.2\%$

Rate of Power - Rs. 8 / KWh Run time of air conditioner: 7 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

M. P. Kulkarni

For Ecopower Pvt. Ltd.

Jain

Client's Signature