

**AIRCOSAVER TEST ON AIR CONDITIONER**

**Date:** 29/09/2010 **Test No.:** 1  
**Client:** Mahindra & Mahindra  
**Address:** Automotive Sector, Akurli Road, Kandivili (E), Mumbai - 400 101.  
**Contact:** Mr. Avinash V. Belamkar **Desig:** Deputy Manager - C. M. D. & P. P. S.  
**Tel:** 2846 7469 / 7756 **Mob:** \_\_\_\_\_

**Make:** L. G. **Sr. No.:** 1749 **Cap:** 1.5 Ton

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

Without Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	29/09	13:05	20.94	16:00	22'
Start	29/09	10:05	17.07	13:00	22'
Total			3.87	3 hrs.	

With Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	29/09	16:15	23.67	19:00	22'
Start	29/09	13:15	20.94	16:00	22'
Total			2.73	3 hrs.	

Units Consumed without Aircosaver per hr.: 1.29


Units Consumed with Aircosaver per hr.: 0.91

$$\text{Savings in \%} = \frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{0.38 \times 100}{1.29} = \underline{29.45 \%}$$

**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.

  
 Mahindra & Mahindra Ltd.  
 Client's Signature  
 Automotive Sector