

### AIRCOSAVER TEST ON AIR CONDITIONER

**Date:** 1/04/2016 **Test No.:** 1  
**Client:** Soyjan India Ltd.  
**Address:** Mahatya Centre, #2 Ground floor,  
Senapati Bapat Marg, Lower Panel, Mumbai - 013  
**Contact:** Mr. Ashish Shah **Desig:** Manager Commercial  
**Tel:** \_\_\_\_\_ **Mob:** 9930957756

**Make:** Carrier **Sr. No.** \_\_\_\_\_ **Location** \_\_\_\_\_

**Type:**  Window /  Split /  Tower /  Cassette /  Ductable **Compressor:**  Reciprocating /  Rotary /  Scroll **Cap:** 2 Ton

Without Aircosaver						
	Date	Time in Hrs by Clock	Units	Meter Run time		Temp
				Hr	Min	
Stop	31/03	17:30	18.57	8	0	
Start	31/03	9:30	0.0	0	0	
<b>Total</b>		<b>08 hrs</b>	<b>18.57</b>	<b>8</b>	<b>0</b>	

With Aircosaver						
	Date	Time in Hrs by Clock	Units	Meter Run time		Temp
				Hr	Min	
Stop	1/04	17:30	15.53	8	0	
Start	1/04	9:30	0.0	0	0	
<b>Total</b>		<b>08 hrs</b>	<b>15.53</b>	<b>8</b>	<b>0</b>	

**Units Consumed without Aircosaver per hr.:** 2.32 kWh **Units Consumed with Aircosaver per hr.:** 1.94

Savings in % =  $\frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}}$  =  $\frac{0.38 \times 100}{2.32}$  = **16.37 %**

#### Pay Back Calculations

**Rate of Power - Rs.** 10 / kWh **Run time of air conditioner:** 10 Hrs./Day

**Rs Saved Per Day** =  $\frac{\text{unit Saved Per Hr} \times \text{Run Time Of Ac} \times \text{Rate Of Power}}{\text{Rate Of Power}}$  =  $0.38 \times 10 \times 10$  = Rs **38**

**Payback Period** =  $\frac{\text{Cost of Aircosaver}}{\text{Rs. saved per day}}$  =  $\frac{8000}{38}$  = 211 Days

  
 For **Ecopower Pvt. Ltd.**

  
**Client's Signature**

SOYJAN INDIA LIMITED  
MUMBAI