

AIRCOSAVER TEST ON AIR CONDITIONER

Date: 21/04/2017 Test No.: 1
 Client: HSL (Hindware) Ltd
 Address: Behadurgarh Dist - Jhajjar Haryana
 Contact: Mr. Dharamendra Sharma Desig: Sr. Manager (PEE)
 Tel: - Mob: 996542702
 Make: Daikin Sr. No. - Location Store 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		Temp
				Hr	Min	
Stop	21/04	14:10	2906.0	2	3	
Start	21/04	11:40	2900.4	0	0	
Total		2.3	5.6	2	3	

With Aircosaver						
	Date	Time in Hrs by Clock	Units	Meter Run time		Temp
				Hr	Min	
Stop	21/04	14:15	292.0	3	0	
Start	21/04	14:15	2906.1	0	0	
Total		3.0	5.9	3	0	

Units Consumed without Aircosaver per hr.: 2.24 kWh Units Consumed with Aircosaver per hr.: 1.96 kWh

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. 85 / kWh Run time of air conditioner: 9 Hrs./Day

Rs Saved Per Day = unit Saved Per Hr x Run Time Of AC x Rate Of Power = $0.28 \times 9 \times 85$ = Rs. 21.42

Pay Back Calculations

Payback Period = $\frac{\text{Cost of Aircosaver}}{\text{Rs. saved per day}}$ = $\frac{8000}{21.42}$ = 373 Days


 For **Ecopower Pvt. Ltd.**

 Client's Signature