

AIRCO SAVER TEST ON AIR CONDITIONER

Date: 21/04/2017 **Test No.:** 1
Client: HSL (Hindustan) 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. 8.5 / 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 = $0.28 \times 9 \times 8.5$ = 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