

AIRCOSAVER TEST ON AIR CONDITIONER

Date: 7th September, 2011 **Test No.:** 2
Client: BPCL (BHARAT PETROLEUM)
Address: 12th Floor, Maker Tower 'E', Cuffe Parade, Mumbai - 400 005.
Contact: Mr. Yogesh Wadke **Desig:** Manager - Administration
Rel: 2218 3699 / 2217 5001 **Mob:** 98694 73832

Make: Voltas **Sr. No.:** - **Cap:** 10 Ton
Type: Tower / Casette / Ductable / Package **Compressor:** Reciprocating / Rotary / Scroll

Without Aircosaver				
	Date	Time in Hrs	Units	Temp
Stop	07.09.11	16:30	21216	23°
Start	07.09.11	10:30	21165	23°
Total		6 hrs	51	

With Aircosaver				
	Date	Time in Hrs	Units	Temp
Stop	08.09.11	16:30	21276	23°
Start	08.09.11	10:30	21236	23°
Total		6 hrs	40	

Units Consumed without Aircosaver per hr.: 8.5

Units Consumed with Aircosaver per hr.: 6.6

$$\text{Savings in \%} = \frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{11 \times 100}{51} = 21.56 \%$$

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.

Client's Signature