

AIRCOSAVER TEST ON AIR CONDITIONER

Date: 12th October 2010 Test No.: 2

Client: TATA MOTORS LIMITED

Address: Pimpri, Pune - 411 018

Contact: Mr. Anil Dethé Desig: Sr. Manager (Plant Engg.) Central Plant

Tel: +91-20-6613 2949 Mob: _____

Make: Voltas - Verfis Sr. No.: _____ Cap: 1.5 Ton

Type: Window / Split / Tower / Gasette / Ductable Compressor: Reciprocating / Rotary / Scroll

Without Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	12/10	14:45	3.15	2:30	21'
Start	12/10	12:15	0.00	0:00	21'
Total			3.15		

With Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	12/10	17:50	2.50	2:30	21'
Start	12/10	15:20	0.00	0:00	21'
Total			2.50		

Units Consumed without Aircosaver per hr.: 1.26

Units Consumed with Aircosaver per hr.: 1.00

Savings in % = $\frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{0.26 \times 100}{1.26} = 20.63 \%$

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

Mr. Prashant Shinde