

### AIRCOSAVER TEST ON AIR CONDITIONER

**Date:** 28<sup>th</sup> December 2010 **Test No.:** 1  
**Client:** NRB BEARINGS  
**Address:** 2nd Pokhran Road, Majiwade, Thane, Mumbai - 400 610  
Mr. D. S. Borude - Dy. Manager - Maintenance - 98706 65067  
**Contact:** Mr. S. S. Potnis **Desig:** Dy. General Manager  
**Tel:** 2173 6666 / 61 **Mob:** 98231 89429

**Make:** Microcool **Sr. No.:** \_\_\_\_\_ **Cap:** 11 Ton

**Type:** Window / Split / Tower / Cassette / Ductable / Package **Compressor:** Reciprocating / Rotary / Scroll

Without Aircosaver				
	Date	Time in Hrs	Units	Temp
<b>Stop</b>	28.12.10	14:00	20602	22°
<b>Start</b>	28.12.10	11:00	20583	22°
<b>Total</b>		3 hrs.	19	

With Aircosaver				
	Date	Time in Hrs	Units	Temp
<b>Stop</b>	28.12.10	17:15	20617	22°
<b>Start</b>	28.12.10	14:15	20602	22°
<b>Total</b>		3 hrs	15	

**Units Consumed without Aircosaver per hr.:** 6.33

**Units Consumed with Aircosaver per hr.:** 5

$$\text{Savings in \%} = \frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{1.33 \times 100}{6.33} = 21.01 \%$$

**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.**

For NRB BEARINGS LTD.  
  
**S.S. Potnis**  
 Dy. General Manager  
 Client's Signature