

AIRCOSAVER TEST ON AIR CONDITIONER

Date: 24/9/2012 Test No.: 1
 Client: HERO Moto Corp Ltd
 Address: 69 km stone, Delhi-Jaipur-highway,
Dhaulega, Haryana
 Contact: Mr. Charanjit Arora Desig: Sr. manager. (main)
 Tel: 91 1274 264 000 Mob: 991054920

Make: CARRIER SIMS4-024RA Sr. No.: - Cap: 2 TR. Approx
23,100 BTU/hV
 Type: Window / Split / Tower / Cassette Compressor: Reciprocating / Rotary / Scroll

Without Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	24/9	17:00	5.32	2.30	20°C
Start	24/9	14:30	0.00	0.0	20°C
Total		2.30	5.32	2.30	

With Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	25/9	13:00	3.94	2.30	20°C
Start	25/9	10:30	0.00	0.0	20°C
Total		2.30	3.94	2.30	

Units Consumed without Aircosaver per hr.: _____

Units Consumed with Aircosaver per hr.: _____

Savings in % = $\frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{(5.32 - 3.94) \times 100}{5.32} = 25.94\%$

Payback Calculation:

Price of Power - Rs. _____ / KWh Run time of air conditioner: _____ Hrs./Day
 Payback Period = $\frac{\text{Cost of Aircosaver}}{\text{Rs. saved per day}} = \frac{\text{Rs. saved per day}}{\text{Rs. saved per day}} = \text{Days}$

M. P. Ghoshan
 For Ecopower Pvt. Ltd.

V. A. P. Choudhary
 Client's Signature
HERO Moto
Dhaulega
25/9/2012

DETAILED SUMMARY REPORT ECO SAVER TRIAL

TRAIL DURATION- 2-30 HRS.
DATED:- 24-9-2012 & 25-9-2012

TIME	DATE	ROOM TEMP.	AMB. TEMP.		POWER CONSUMPTION(KWH)		RH%	REMARKS
			DEG.		WITHOUT AIRCO SAVER	WITH AIRCO SAVER		
2-25 P.M.	24/09/2012	26.4	36					TRIAL TAKEN AT 20 DEG. SET TEMP.
3-00 P.M.		24.6	36					
3-25 P.M.		23.5	36	2.1				
3-55 P.M.		24.5	35					
4-25 P.M.		24	33.7	4.36				
4-55 P.M.		23	33	5.32				
10-30 A.M.	25/09/2012	26.6	30.3		0.73			
11-00A.M.		25.3	31					
11-30A.M.		25	33.5		1.51	57		
12-00A.M.		23.5	34.1		2.38	53		
12-30P.M.		23.9	35		3.22	51		
1-00 P.M.		24.5	35.5		3.94	54		

ENERGY CONSUMED WITHOUT AIR CO SAVER :- 5.32 KWH
ENERGY CONSUMED WITH AIRCO SAVER :- 3.94 KWH
TOTAL SAVINGS DURING 2-30 HRS TRIAL PERIOD:- 1.38KWH
%SAVINGS RECORDED :- 25.94%

NOTE:- 4-5% RH increased has been noticed during initial period of 15 minutes.

WAP
25/9/2012

AIRCOSAVER TEST ON AIR CONDITIONER

Date: 25/9/2012 Test No.: 2
 Client: HERO MOTO CORP Ltd
 Address: 69, Km Stone, Delhi-Jaipur highway
Dharuhera, Haryana
 Contact: Mr. Charanjit Arora Desig: Sr. manager (mainten)
 Tel: 91 1274 264 000 Mob: 9910564920

Make: _____ Sr. No.: _____ Cap: _____ Ton

Type: Window / Split / Tower / Gasette

Compressor: Reciprocating / Rotary / Scroll-

Without Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	25/9	14:08	2.22	1	24
Start	25/9	13:08	0.00	0.0	24
Total		1	2.22	1	

With Aircosaver					
	Date	Time in Hrs	Units	Run Hrs.	Temp
Stop	25/9	15:15	1.71	1	24
Start	25/9	14:15	0.00	0.0	24
Total		1	1.71	1	

Units Consumed without Aircosaver per hr.: _____

Units Consumed with Aircosaver per hr.: _____

Savings in % = $\frac{\text{Units Saved} \times 100}{\text{Consumption without Aircosaver}} = \frac{(2.22 - 1.71) \times 100}{2.22} = 22.97\%$

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

Charanjit Arora
presented sheet
W. P. Arora
HERO MOTO CORP.
Dharuhera

