

Today's wastage
is Tomorrow's
shortage.



AC's CONSUME a huge amount of electricity worldwide,
*but WASTE more than 25 %-40 %, due to lack of
“Intelligence”.*

They also release huge amounts of CO₂ and GHG.

The logo for AIRTRON features the word "AIRTRON" in a bold, sans-serif font. The letters are white with a dark outline. The "O" is stylized with a circular arc passing through it. The entire logo is set against a white background with rounded corners and a dark blue border.

AIRTRON

A blue banner with white text that reads "PATENT PUBLISHED". The banner has a ribbon-like shape with pointed ends.

PATENT
PUBLISHED



Airtron is the World's First & Only Programmable, Dual-Sensor Driven Microprocessor which saves up to 35% Electricity on all Air Conditioners with Precision Control of Set Temperature and a payback of barely 4-6 months.

AIRTRON -TRULY DISRUPTIVE TECHNOLOGY - the first *real* AC Energy Saver since AC's were invented!

AIRTRON AC SAVER



AIRTRON REMOTE



Our Story

Tested ALL available AC Saver's with no success as they were "blindly" cutting off the compressor to save electricity thereby increasing the room temperature.



OTHER BRANDS !!!



*Set up a Psychrometric lab in 2007 and filed for Patent in 2011,
- published in 2013*

The AIRTRON is a *one-of-a-kind* AC Saver in the world!

- ✓ *Sensor-driven* : references and displays room & coil temperature
- ✓ *Measures* changes in ambient temperature while maintaining precise set temperature
- ✓ *Default settings* for different geographical regions
- ✓ *Set your own room temp* with the Airtron remote.



research &
development

developing advancements in the industry



AIRTRON Cuts your AC bills
up to **35%**
World's First & Only
Programmable Energy Saver
For Air Conditioners

Kishore Mansata : Sole Inventor and Patent Applicant

Set up a Psychometric Lab in 2007 with a Precision AC (PAC) of
Schneider and did the R & D for 4 years –

Patent Filed 2011 – Published 2013.

Thus Airtron has all the controls of a PAC at only a fraction of
the cost.



Saving Energy and Money

**UNLIMITED MARKET
POTENTIAL -**

WORLDWIDE

AC's are commonplace worldwide across all sectors, but companies where AC's are a large percentage of the energy bill ,such as telecoms, mobile towers, ATM's with "ooo's of AC's running 24x7 have the biggest pain.

There are more than a Billion tons of AC's worldwide and growing at more than 10% p.a. USA and China have the most Ac's in the world .

Banks , IT , Healthcare, Hospitality, sectors and other large Corporate are also potential buyers as they have a large population of AC's.

Validated by



Energy Efficiency Services Limited

(A Joint Venture Company of PSUs of Ministry of Power, Govt. of India)

for 33% & 44% Savings at 2 locations respectively.

MAGNATRON INTERNATIONAL Date: 26/09/16
 56C, Mirza Ghalib Street, Calcutta-700016
 PH:91-33- 2229 2767 MO: 9748727966 / 9331827966
 Email- indiaenergysaver@gmail.com

MAS ENERGY SAVER

DEMO SHEET

I

COMPANY NAME EESL (Energy Efficiency Services Limited)
 SITE LOCATION A13, IITAI Building 4th & 5th floor, Noida, Sec-1
 TYPE OF WORK AT LOCATION Server Room

II

AC SPEC.				
S.NO.	BRAND NAME	YEAR	MODEL	CAPACITY
1	<u>Volvo</u>			<u>1.5 TR</u>
2				
3				
4				

III

CLIMATIC CONDITION (FROM MET DEPTT. REPORTS)		
DATE	OUTSIDE TEMPERATURE	CLOUDY/RAIN (Y/N)
<u>26/09/16</u>		<u>N</u>

IV

BYPASS MODE (WITHOUT MAS- ENERGY)								
START				END				TOTAL UNITS CONSUMED (DIFF. OF A & B)
DATE	START TIME	A. METER READING (KWH)	ROOM TEMPERATURE	DATE	END TIME	B. METER READING (KWH)	ROOM TEMPERATURE	
<u>26/9/16</u>	<u>12:05</u>	<u>0</u>	<u>23°C</u>	<u>26/9/16</u>	<u>15:50</u>	<u>4.73</u>	<u>21°C</u>	<u>4.73</u>

V

POWER SAVER MODE (WITH MAS- ENERGY)								
START				END				TOTAL UNITS CONSUMED (DIFF. OF A & B)
DATE	START TIME	A. METER READING (KWH)	ROOM TEMPERATURE	DATE	END TIME	B. METER READING (KWH)	ROOM TEMPERATURE	
<u>26/9/16</u>	<u>15:55</u>	<u>0</u>	<u>23°C</u>		<u>19:40</u>	<u>2.66</u>	<u>21°C</u>	<u>2.66</u>

VI

SAVINGS: Baseline @ 0.82 kw/TR, After Installation 0.676 kw/TR ⇒ 17% Saving.
 (DIFF. IN TOTAL UNITS CONSUMED IN POWER SAVER MODE AND IN BYPASS MODE) 4.4%

VII

This Measurement has been taken through FLUKE 1730 Power Analyzer
 COMMENTS/OBSERVATIONS IF ANY: Temperature is maintained with & without Energy Saver

CUSTOMER'S SIGNATURE [Signature] TECH. REP. FOR MAGNATRON INTERNATIONAL

STAMP

CUSTOMER NAME एन. ए. एस. सर्विसेज लिमिटेड, Garnaik
 DESIGNATION महाप्रबंधक (तकनीकी) / General Manager (Technical)
 CONTACT NO. एनर्जी एफिशिएंसी सर्विसेज लिमिटेड
 DATE ENERGY EFFICIENCY SERVICES LIMITED
 (एन ए एस, विद्युत मंत्रालय के तकनीकी सेवा के उपकरणों का संयुक्त उद्योग)
 (A Joint Venture of PSUs of Ministry of Power, Govt. of India)
 4th Floor, IITAI Building, A-13, Sector-1, Noida-201301, (उत्तर प्रदेश)

TECH. REP. SIGNATURE [Signature]
 NAME Sajdak Basak
 DATE 26/9/16

NB: CUSTOMER IS REQUESTED TO NOTE ALL KWH METER READINGS AND OTHER RELEVANT RECORDS MENTIONED FOR PROPER VALIDATIONS

LG LTD CERTIFIED 26% Savings ON 4.0 TR, LG 3-PH INVERTER AC ROI 55 DAYS

I								
COMPANY NAME <u>LG ELECTRONICS INDIA PVT. LTD.</u>								
SITE LOCATION <u>Surajpur, Greater Noida.</u>								
TYPE OF WORK AT LOCATION <u>Conference Room</u>								
II								
AC SPEC.								
S.NO.	BRAND NAME	YEAR	MODEL	CAPACITY				
1	LG		Inverter AC	4 Tr				
2								
3								
4								
III								
CLIMATIC CONDITION (FROM MET DEPTT. REPORTS)								
DATE		OUTSIDE TEMPERATURE		CLOUDY/RAIN (Y/N)				
22/4/15		40°C		N				
IV								
BYPASS MODE (WITHOUT MAS- ENERGY)								
START				END				TOTAL UNITS CONSUMED (DIFF. OF A & B)
DATE	START TIME	A. METER READING (KWH)	ROOM TEMPERATURE	DATE	END TIME	B. METER READING (KWH)	ROOM TEMPERATURE	
22/4/15	2:43	58.9	31°C	22/4/15	3:43	61.2	29°C	
V								
POWER SAVER MODE (WITH MAS- ENERGY)								
START				END				TOTAL UNITS CONSUMED (DIFF. OF A & B)
DATE	START TIME	A. METER READING (KWH)	ROOM TEMPERATURE	DATE	END TIME	B. METER READING (KWH)	ROOM TEMPERATURE	
22/4/15	4:06	62.0	31°C	22/4/15	5:06	63.7	29°C	
VI								
SAVINGS: (DIFF. IN TOTAL UNITS CONSUMED IN POWER SAVER MODE AND IN BYPASS MODE) <u>26%</u>								
VII								
COMMENTS/OBSERVATIONS IF ANY: <u>Temperature is maintained with & without energy</u>								
CUSTOMER'S SIGNATURE <u>[Signature]</u>					TECH. REP. FOR MAGNATRON INTERNATIONAL <u>[Signature]</u>			
STAMP					SIGNATURE <u>Basak</u>			
CUSTOMER NAME <u>Devendra Sharma</u>					NAME <u>Saptak Basak</u>			
DESIGNATION					DATE <u>22/4/15</u>			
CONTACT NO.								
DATE								
NB: CUSTOMER IS REQUESTED TO NOTE ALL KWH METER READINGS AND OTHER RELEVANT RECORDS MENTIONED FOR PROPER VALIDATIONS								



September 3, 2014

MYRIAD TECHNO PVT LTD
56C, Mirza Ghalib Street,
Kolkata 700 016

KIND ATTN. MR KISHORE MANSATA

Dear Sir,

We are pleased to inform you that we have tested your **MAS AC ENERGY SAVER** on 5 different AIR CONDITIONERS of 1.5TR and 2TR rating (3 Phase and Single Phase), with excellent results, at Kolkata, Mumbai, Delhi and Chennai.

The units were tested under very harsh conditions in rooms where heat generation has been high.

We are extremely satisfied with the performance, high savings, and pay back, which is very attractive.

We intend to install these widely in various locations.

Thanking you,

Sincerely yours,
for **TATA COMMUNICATIONS LIMITED**

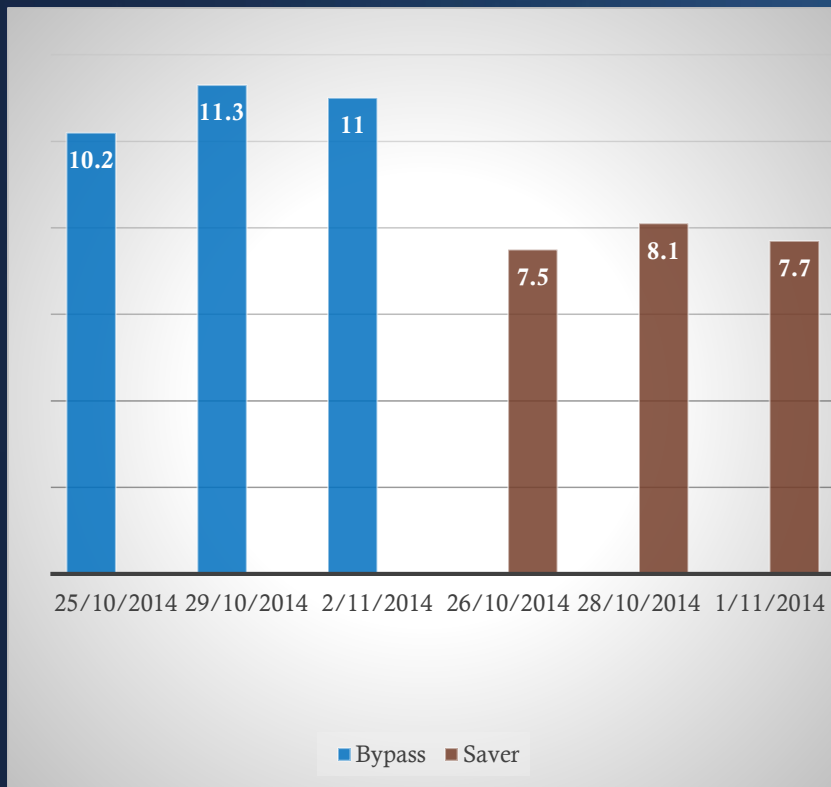

[**UMESH SHARMA**]
ASSTT. MANAGER - FIM

TATA COMMUNICATIONS

Tata Communications Limited
V S B, 1/18, C. I. T. Scheme VII-M, Ultadanga, Kolkata - 700 054
Regd. Office : VSB, M. G. Road, Fort, Mumbai-400 001, India

TATA COMMUNICATIONS LTD MAGNATRON A.C. SAVER DATA

Date	Mode	Capacity (TR)	Set & Achieved Room Temp.	Per day Consumption (KWH)	Avg. On/Off cycle per hour	Max. On/Off cycle per hour
25/10/2014	Bypass	1.5	26	10.2	5	12
29/10/2014	Bypass			11.3	7	12
2/11/2014	Bypass			11	7	12
26/10/2014	Saver	1.5	26	7.5	6	10
28/10/2014	Saver			8.1	4	8
1/11/2014	Saver			7.7	3	5



Total Bypass Mode = 32.5 KWH
Total Savings Mode = 23.3 KWH
Savings = 9.2 KWH=28.3%

R.O.I =88 Days Pre-Depreciation , & 58 days Post-Depreciation.

Temperature is same with & without Ac Saver thus, Savings are not at the Cost of Temperature

Both Maximum & Average Cycles per hour have reduced Substantially ,thus Increasing the life of Compressor , Reducing Run-time & Maintenance cost.

IMPORTANT VALIDATIONS

N.B. The Set Temp. was the Same *WITH / WITHOUT* the Airtron.

SL. NO.	NAME OF THE COMPANY	COUNTRY	AC TYPE	SAVINGS
1	ENERGY EFFICIENCY SERVICES LTD . (EESL GOVT. OF INDIA)	INDIA	SPLIT	44.00%
2	L.G. ELECTRONICS INDIA LTD.	INDIA	SPLIT (INVERTER)	26.00%
3	VIDEOCON TELECOM	INDIA	SPLIT	20.00%
4	TATA COMMUNICATION LTD.	INDIA	SPLIT	28.30%
5	LARSEN & TOUBRO LTD.	INDIA	SPLIT	25.80%
6	TATATELE SERVICES LTD.	INDIA	SPLIT	33.00%
7	TATA POWER LTD.	INDIA	SPLIT	37.50%
8	ASHOK LEYLAND LTD.	INDIA	WINDOW	29.40
9	ZENITH ENERGY (BEE, ACCREDITED ENERGY AUDITOR)	INDIA	SPLIT	37.00%
10	ACCENTURE SERVICES PVT. LTD.	INDIA	SPLIT	37.00%
11	M/S. UNIC MAGNATE	INDIA	SPLIT	58.00%
12	SATURN PYRO (UTIM REGISTRATION OFFICE)	MALAYSIA	CEILING- SPLIT	36.00%
13	SATURN PYRO (AT MALAYSIA POLICE H.Q.)	MALAYSIA	WALL -SPLIT	34.00%
14	CPE ENERGY SDN BHD	MALAYSIA	SPLIT	57.00%
15	SUSNOMICS ENGINEERING (ENERGY AUDITOR)	DUBAI, UAE	SPLIT	35.00%

AWARDS



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