



AIR —SUN A.E.B.E

*Electric Energy from Renewable Sources
and exploitation of Natural Resources*



Collection of photographs



Factory of production
Bio-Diesel



Atmospheric generator of Water
50 Ltr. per day.



Portable sun generation.



Wind generator
AirTurbo 20KWh



Wind generator AirTurbo
in the University Patras.



Solar autonomous lighting of
garden for 3 squares meters



"Artificial Forest" from wind
generators AirTurbo



Solar lantern
of street



Photovoltaic with their stocking
space underground



Park with Autonomous
Lightings.



Autonomy in Lighthouses



Hybrid system of cover
for needs of Hotel



Atmospheric generator of Water
of 13.000 Ltr. per day



Air conditioning with the "force
of" Nature.



Photovoltaic Park



"Clothing of" building with
Photovoltaic



Photovoltaic on
detached house



Solar lighting of street (red or
yellow)



The noiseless wind generator,
Accessible in each space



Saving of energy in each our
activity.



Autonomy of aerals of
Mobile telephony



Air conditioning with the force of
Nature for outside spaces



Bank with panel
Photovoltaic



Solar luminous warning
Arrow of street

Information for Us



The AIR-SUN A.E.B.E International, focuses activities in the space the Aeolian and Solar energy but is extended in the space the energy and environmental technologies more generally.



Her object of work includes studies, specialized work, as well as planning and manufacture of stations and installations for the exploitation of Renewable Sources of Energy. It will be supposed is stressed the possibility of company of offering maintenance and repair in 24[ori] base.



Also, it undertakes studies, installations and manufactures of units of treatment and production of water via systems from Atmospheric generators and other specialized electromechanical installations.



The AIR-SUN A.E.B.E is activated mainly in: a). In the Sector of Growth of work and studies that cover and work out the all studies, airmetrises, awarding of vacations and remaining work,

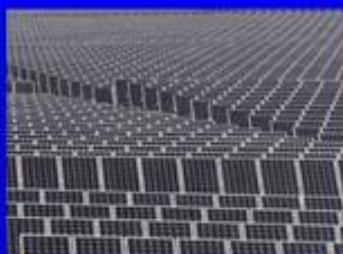


b). In the Sector of manufactures and operation and maintenance that includes the technical personnel and the work in the worksites and g). The marketing of wind generators, atmospheric machines of production of water, air conditioners etc other systems, always taking into consideration the protection of Environment.



Also, with our affiliated companies AIR-SUN A.E.B.E, we undertook the transaction of Hybrid park 800 Mw, in the Prefecture Pernik.

The hybrid park is manufactured entirely with Photovoltaic German Solar and the Wind generators AIRturbo.



Renewable Sources of Energy, applications in...

COMMERCIAL CENTRES



SPECIAL MANUFACTURES



SUPER MARKETS



Isolated Houses VILLAGES - Small Districts



WASHING-MACHINES for Cars



SERVICE STATIONS of fuels



WATER FEEDER Regions, Villages, Islands and ELECTRIFICATION of work.



Renewable Sources of Energy, applications in...



HOTELS



LOGISTIC



HOSPITALS



HOUSES



RENTED ROOMS



FACTORIES, LABORATORIES



GARAGES, REPORTS of CARS etc



VETERINARY SURGEON, LABORATORIES OF CHEESE, GREENHOUSES etc





AIR
Turbo



Air-Sun.gr



AIR
Turbo



Air-Sun.gr



AIR
Turbo



AIR-SUN-GR

Wind generator



After multiannual study, trials and installations in wind generators of slash of axis, we present to you the new type of wind generator **AIRturbo** in form of tree, with number of patent No 2030100029, the Organism of Industrial Property with international classification 15/12/2005.

Also we found itself in the completion of process for the publication of testimonial ISO 9001:2000, BSI OHSAS 18001 and ELOT 1801, as with model ISO 14001 and regulation EMAS 761:2001 on the Environment. For wind generators until 20KWh do not need the above certifications.

The wind generator functions as turbine. The sides regularly fins direct air from any direction in the internal fins of opposite bent, creating conditions of rotation of internal vertical axis, with result the operation of generator and the production of electric current.

Analytic the advantages of wind generator **AIRturbo** are:

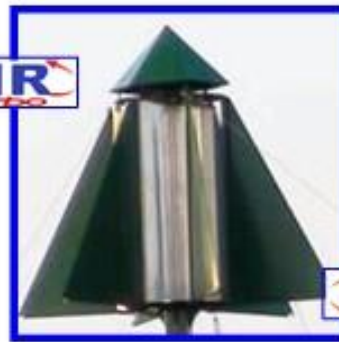
1. Production by any direction, density and speed of wind.
2. More energy at 2 and 3 times from corresponding horizontal axis.
3. It stores more kinetic energy in whorl from any other wind generator.
4. Bigger resistance in the blasts of winds.
5. Lower cost per KWh of produced energy.
6. Production of energy from very low winds (2 Mpofor).
7. Big time of life of materials.
8. Aerodynamic designing.
9. The relation of operation and maintainance oscillates in exceptionally low levels.
10. Null noise in the all conditions of operation.
11. Firm manufacture, with stainless materials of most excellent quality, in order to they bear in the time and unfavourable meteorological.
12. Last technology three phase generator of permanent magnet.
13. Nominal tendency of expense: 12,24 and 48 and 220 volts.

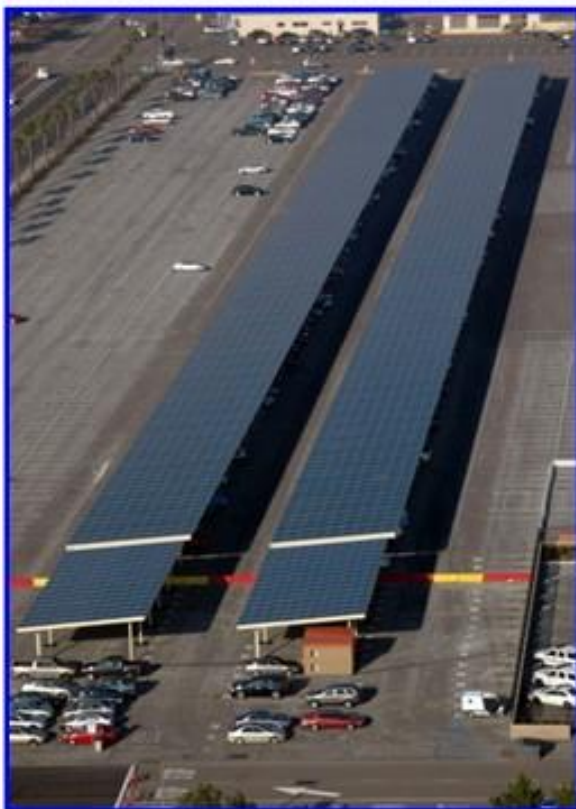


Having particular sensitivity in the protection of environment, we manufactured the wind generator **AIRturbo** in form of tree, colour of green or nuances emanating from the flora of each region of installation, in order to is not destroyed the optical and aesthetic morphology of familiar environment.

We minimised almost, we annihilated the level of noise of operation, so as to it does not bother and it does not turn away the fauna of region.

Also, because volume and constant exterior fins are avoided the conflict and the killing of birds.





Photovoltaic

Applications of Photovoltaic systems for Blocks of flats, Hotels, Of buildings installations etc. With minimal cost and innumerable profit for the householders.

A lot of proposals design from our company and for the tastefulness of real estates.

**Make your house Energy!
Forgetting direct the expenses of current.
Application in each type of home.**

Special units of production of Electric Energy with Photovoltaic systems and special manufactures exploitation of space for other uses eg stocking space under the shelter creation closed parking.

Photovoltaic system of production of Electric energy, for cover of needs of Lighthouses and aeriads of Mobile Telephony.

Photovoltaic system of production of Electric energy, for cover of needs opens Parking.

The Photovoltaic frames of house GERMAN SOLAR of - GERMANY they are accompanied by the following certificates: Overlap the directive ESTI/SPRA CEC - specification 503 IEC1215/ TYV Rheinland Germany. GIS, Japanese Industrial Standard. IEC1215, University of port Elizabeth . DIN VDE Schutzklasse II UL1703, US Standard for Safety.



Atmospheric Generators of Water

**Enjoy clean
water
from air!!!**



**Acquire
NOW
unique
generator of water
for abundant,
healthy water,
without cost.**

**The atmospheric Generator
Production of Water** uses the most natural and inexhaustible source - the atmospheric air - from where with distillation it creates potable water.

Technology that removes from water substances and damaging bacteria, responsible for the challenge of serious illnesses.

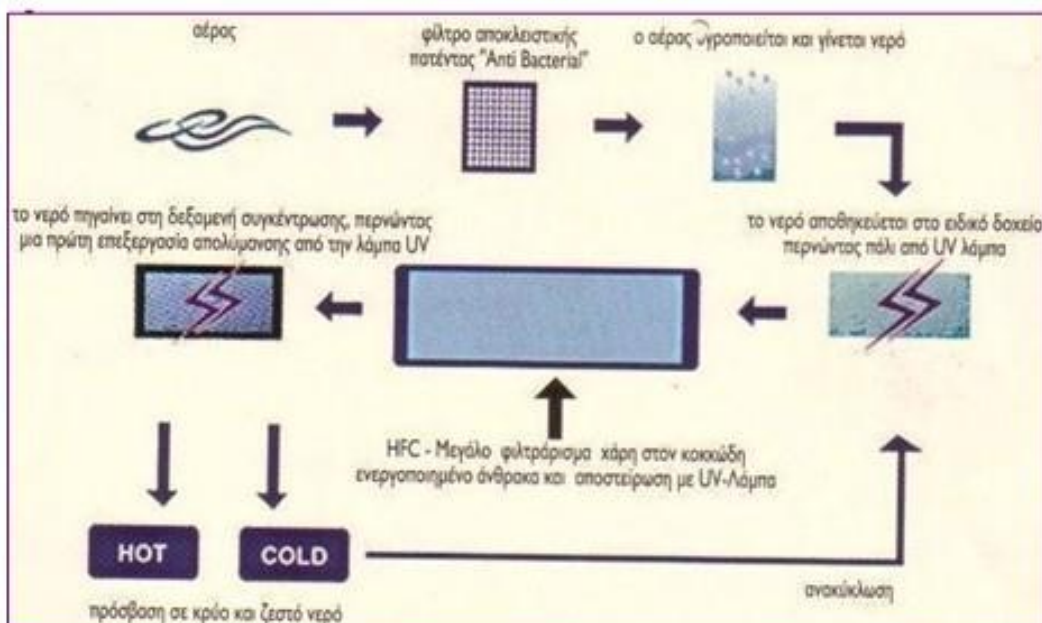
Economic and easy in her maintainance, it does not need exterior pipes, filling with water or storage in bottles.

It exempts you from the expenses of bottled water while the process of recycling in which is continuously submitted the water, him maintains fresh still and when he is for days stored.

**Atmospheric generators daily
production of water:**
from 50 Lt.,
1.000 Lt.,
5.000 Lt.,
13.000 Lt.,



Table of process of (treatment) flow and accumulation



**System
infiltration:**

**HYFLUX FIL-
TRATION CAR-
TRIDGE (HFC)**

**Filter of grainy
Activated Coal.
Filter "Anti
Bacterial".**

**Triple
sterilisation -
disinfection
from Light bulb
UV.**

APPROVED FROM THE GENERAL CHEMICAL LABORATORY OF GREEK STATE



Models and Technical Characteristics

TYPE	Ltr. / DAY	KWh	KWh / Ltr	COST CUR- RENT / Ltr €	LENGTH cm	WINDTH cm	HEIGHT cm
T-16	50	1,0	0,1	0,017	42	38	108
PA-HCU1000	260	4,3	0,4	0,030	252	122	112
PA-HCU2000	500	9,3	0,5	0,034	277	158	140
PA-HCU3000	730	12,9	0,4	0,032	277	158	140
PA-HCU4000	960	16,5	0,4	0,031	323	168	181
PA-HCU6000	1800	34,4	0,5	0,035	402	206	183
PA-HCU8000	2500	46,4	0,5	0,034	399	206	219
PA-25-50 A/C	2.100	32	0,37	0,028	478	204	178
PA-25-50	2.000	31	0,37	0,028	557	204	178
PA-50-50 A/C	4.200	65	0,37	0,028	557	244	260
PA-50-50	4.000	63	0,37	0,028	557	244	260
PA-75-50 A/C	6.400	96	0,36	0,027	633	244	260
PA-75-50	6.100	94	0,37	0,028	633	244	260
PA-100-50 A/C	8.400	134	0,38	0,029	711	244	260
PA-100-50	7.700	131	0,40	0,030	633	244	260
PA-150-50 A/C	13.000	195	0,36	0,027	1023	323	338
PA150-50	12.600	190	0,36	0,027	867	323	338

The models with clue A/C have the possibility of operating automatically and air conditioning of space.

Autonomous Lightings



The autonomous lighting system of exterior space which can be used for the lighting wide, streets, thickets, municipal lightings, removed carrefours, exterior spaces of factories, worksites, attitudes of buses, as well as in a lot of other applications.

It is constituted by a solar collector FG-50Wp/12V (type, octagon silicon with 36 beehives and dimensions 975x452mm, thickness 34,5 mm, and weight 6,1 kg) it collects the solar energy at the duration of day and with the help of regulator charge (type, 6,6A/12/24V) it stores him in the battery of (type 100Ah-12V) that it is found in [idiko] space (in box for their protection) with the regulator, under photovoltaic.



Switch, who undertakes it opens and it closes the circuit at the duration of day and night respectively.

The lightning part, is constituted by the trunk of support, a turtle with transparent protective lid, that in can be placed lightning bodies (2 light bulbs) 15watt (output 150 watt) and autonomy from until four days depending on the light bulbs that will be used.



Advantages:

Big time of life (25 years guarantee for photovoltaic).

They do not need cables.

It does not need network of NEC.

And does not exist account NEC.

Easy and fast installation.



Autonomous Lightings



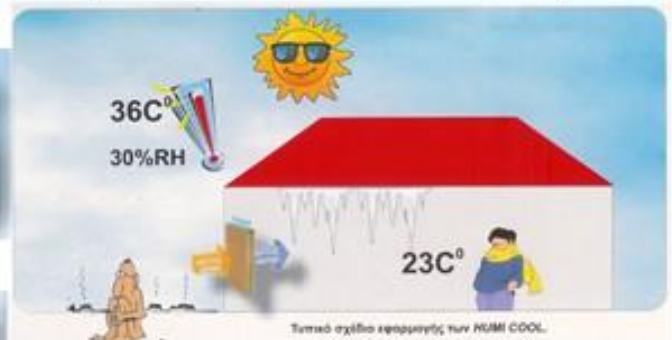
**Big
variety
models for
all yours
needs.**

Air conditioners



Η ψυκτική δύναμη της φύσης προσφέρει την άνεση οπουδήποτε με ελαχίστη συντήρηση και χαμηλή ενέργεια.

Τα HUMI COOL έχουν ως σκοπό να δροσίσουν τους ζεστούς εσωτερικούς και εξωτερικούς χώρους όπου οι υψηλές θερμοκρασίες και ο όγκος του αέρα καθιστούν αντισυμβατική τη χρήση του κλιματισμού.



The cooling force of nature offers the comfort [opoydipote] with minimal maintainance and low energy

The method of evaporated refrigeration functions with success for a lot of years.

The evaporated refrigeration offers most comfortable Domestic, Professional or even productive Labour environment.

The cleaned 100% fresh air decreases smells, the atmospheric pollution, the smoke, the light fog and the chemical substances.

HUMI COOL functions without it sprays water.

Refrigeration - Heating

With advantages:

- * Cooling of all space with the cost that you would only refresh the one tenth. (His operation for one month costs as long as the operation of 3 days of conventional systems of refrigeration).
- * Ventilation with 20 alternations at least air the hour of all space, with fresh.
 - * Infiltration of air from the rained panels.
 - * Evasion of flying dust in the space reason of humid air.
 - * Operation of space with open doors.
 - * Cooling of open sea and outside spaces.
 - * Very easy and low cost maintainance.
- * Ecological operation and protection of environment.
- * Economic cost of purchase and installation.

Εσωτερικοί χώροι

- Καφετερίες
- Μπαρ
- Ψησταριές
- Εργοστάσια
- Αποθήκες
- Σπίτια
- Ξενοδοχεία

Εξωτερική χώροι

- Τέντες
- Γήπεδα
- Θερινά μαγαζιά
- Δρόμους
- Προαύλια



Air conditioners

Τα Humi Cool εξοικονομούν μέχρι και το **95%** της ενέργειας που χρειάζονται τα συμβατικά κλιματιστικά για τον δροσισμό του ίδιου χώρου.

Our airconditioners economise until the 95% of energy that they need the conventional airconditioners for the refrigeration same space!!!



Ειδικές καπαζευές για Οχήματα

ΠΙΝΑΚΑΣ ΑΠΟΔΟΣΕΩΝ ΤΩΝ ΨΥΚΤΙΚΩΝ HUMI COOL
ΣΕ ΔΙΑΦΟΡΕΤΙΚΕΣ ΣΥΝΘΗΚΕΣ ΥΓΡΑΣΙΑΣ ΚΑΙ ΘΕΡΜΟΚΡΑΣΙΑΣ.

Σχετική υγρασία εξωτερικού αέρα.

Θερμοκρασία εξωτερικού αέρα.

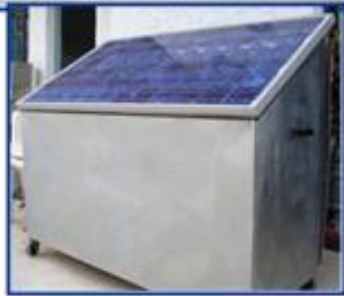
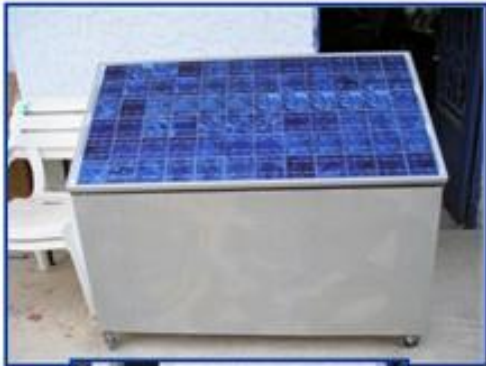
	10%	20%	30%	40%	50%	60%
20C°	8,2C°	9,8C°	11,3C°	12,7C°	14,1C°	15,4C°
22C°	9,4C°	11,1C°	12,7C°	14,3C°	15,7C°	17,1C°
24C°	10,6C°	12,4C°	14,2C°	15,8C°	17,4C°	18,9C°
26C°	11,7C°	13,8C°	15,7C°	17,4C°	19,1C°	20,6C°
28C°	12,9C°	15,1C°	17,1C°	19,0C°	20,7C°	22,4C°
30C°	14,0C°	16,4C°	18,6C°	20,5C°	22,4C°	24,1C°
32C°	15,2C°	17,7C°	20,0C°	22,1C°	24,1C°	25,9C°
34C°	16,3C°	19,0C°	21,5C°	23,7C°	25,7C°	27,6C°
36C°	17,4C°	20,3C°	22,9C°	25,3C°	27,4C°	29,4C°
38C°	18,5C°	21,6C°	24,4C°	26,8C°	29,1C°	31,2C°
40C°	19,6C°	22,9C°	25,8C°	28,4C°	30,8C°	32,9C°
42C°	20,7C°	24,2C°	27,3C°	29,6C°	32,5C°	34,7C°

Temperature of Produced Air

Type	Benefit air m3 / h	Cooling faculty BTU	Current V / Hz	Force motor Kw
HC 4	4.000	60.000	200-380/5060	0,75
HC 8	7.600	113.000	200-380/5060	0,75– 1,2
HC 12	11.500	170.000	200-380/5060	2,2
HC 16	15.500	230.000	200-380/5060	3
HC 22	22.000	327.000	200-380/5060	4
HC 30	30.500	450.000	200-380/5060	4– 5,5



Portable Sun generator



Acquire portable
sun generator
and
resolve the problem
of Electrification

Economic solutions of
limited requirements for
vendors, caravans, ships,
rural residences etc
(max 2 Kw).

*Fast in the transport.
Easy in the use.*



*For all your needs,
for the most removed regions...
Accessible and fast solutions!!!*



Rural Residences





Ecological House

"A lot of persons consider that anything ecological is difficult. That, as an example, in order to you are ecologist it should you plant vegetables".

"The truth is that it is a simple and pleasant life".



Make your house ecological

Ecological- Economic, with

* Domestic appliances of low consumption (refrigerator, cooker, washingmachine, etc).

* Lamps economic ecological.

* Air conditioners (refrigeration- heating).

* Cleaner air

* Spotless water, from the Nature.

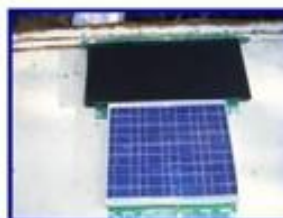


Ask us the way

Economic and Ecological solutions for all the "work".



Special Manufactures for Lorry - Refrigerators



Economise Fuels and Energy, Easy and Economically.
Photovoltaic on car the Technology in.... everyday routine.

Bio- Diesel



Manufacture of machines and equipment for export of plant oil and ~~B~~Diesel



Installations and equipment for ~~E~~Diesel



*Carefree
from accounts NATIONAL ELEC-
TRICAL COMPANY, the stress of
increases and her interruptions.*

επωφελειθείτε
από το πρόγραμμα
του ΥΠ.ΑΝ.



AIR
Turbo

**COMPLETE
COVER OF
NEEDS OF
HOUSE**

For a life FREE electric current.

Systems connected in the network of NEC.

Fast damping of your money.

OFFER - PRICE SURPRISE

Systems until 45 KWh daily consumption.

Guarantee of 25 years.

... and monthly pecuniary profit from the NEC !!!



subsidised programs for the all Enterprises

ADVANTAGES:

FREE electric current.

Operation her your company AND in the "interruptions of"
NATIONAL ELECTRICAL COMPANY.

[DOREAN] water from the Nature and air conditioning.

Guarantee of 25 years.

And extra income.

Attendance of your company in the protection of Environment.

For a life **FREE OF CHARGE** electric current.

Systems connected directly
in the network of NATIONAL ELECTRICAL COMPANY.



certain of our thanked CUSTOMERS

Electric
current in
hotel

MAREVA
in
Peninsula
Crete



Electric
current
Service
stations
Humid
Fuels



Electric current
in hotel
PORTO GALINI
in Rethimno
Crete

Electric
current in
hotel
**PORTO
GRECO**
in
Peninsula
Crete



Electric current
Restaurant-Pizza
«il camino» &
Rented rooms
in the
Port of Peninsula
Crete



Make the Ship en-
ergy...
for cover of energy
needs, as: lighting
of ship, ventilation
or the feedn
the electric appli-
ances.
and friendly in
Environment.

*Special manufac-
tures
with Photovoltaic
and
wind generators
AirTurbo.
for economy in fuels
and... in your
pocket.*



Water feeder
ships of recreation
from the unique At-
mospheric generato
of Water



Electrification of
Rented Rooms in
Heraklion
Crete



Electrification of
Washing
machine cars
in Acharnes



certain of our thanked CUSTOMERS

Electric current
in hotel
MICHALIS
in Peninsula
Crete



Electrification
of installations
of Aviary
NITSIAKOS in
Ioannina



cafe - restaurant



Autonomous Light-
ings in the streets of
Municipality



Photovoltaic
Park in
Leonidio



UNIVERSITY PATRAS
department **LABORATORY**
ILEKTROMICHANIKIS
TRANSFORMATION OF ENERGY



PAPIGKO
Electrification of Shelter and
Autonomous Lightings in Zagorochoria



Electrification of
Aerials Mobile
Telephony
COSMOTE
and Lighthouses



Electrification
of hotel
AKTI
in Ioannina



Electrification in
Rented Rooms
in **PILION**



Electrification
in Residence, with
the new
Developmental
Law



Electric current
in hotel
ARTEMIS
in Peninsula
Crete

Electric current
in hotel
PYRGOS
in Malia
Crete





STUDY -
- SUPERVISION MANUFACTURE -
- PLACEMENT MARKETING -
- MAINTAINANCE

AIR - SUN A.E.B.E.

production of Electric Energy
from Renewable Sources
and exploitation of Natural
Resources

SALES:

Athens

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