Sun architecture innovation technology

Innovation and development of new solar products

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SUNAITEC[®] - Sun, Architecture, Innovation, Technology



Constitution

August 2008

Mission

Development, production and commercialization of solar equipment and solutions

Equipment (National and International Patent)

Brand - Sunaitec
SUD anchitecture innovation

Traditional Solar Equipment



THE PROBLEM

- Technology from the 70's;
- Difficult architectural integration;
- Fixed Positions with restricted areas available;
- Large dimensions and heavyweight collectors;
- Absence Temperature Control mechanism;
- Reduced Performance during Winter;
- Reduced Longevity;
- High Maintenance costs;
- Lack of versatility: only energy prodution;









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Sunaitec Equipment

THE SOLUTION

- High technology;
- Full architectonic integration;
- Active solar tracking system with guide sensors;
- Installation everywhere at any angle;
- Light weight and dimensions;
- Fully Automated Temperature Control;
- High Efficiency even during the Winter;
- Condition Monitoring locally or by internet;
- High Versatility: Energy, shading, roofing and protection barrier;









Functionalities



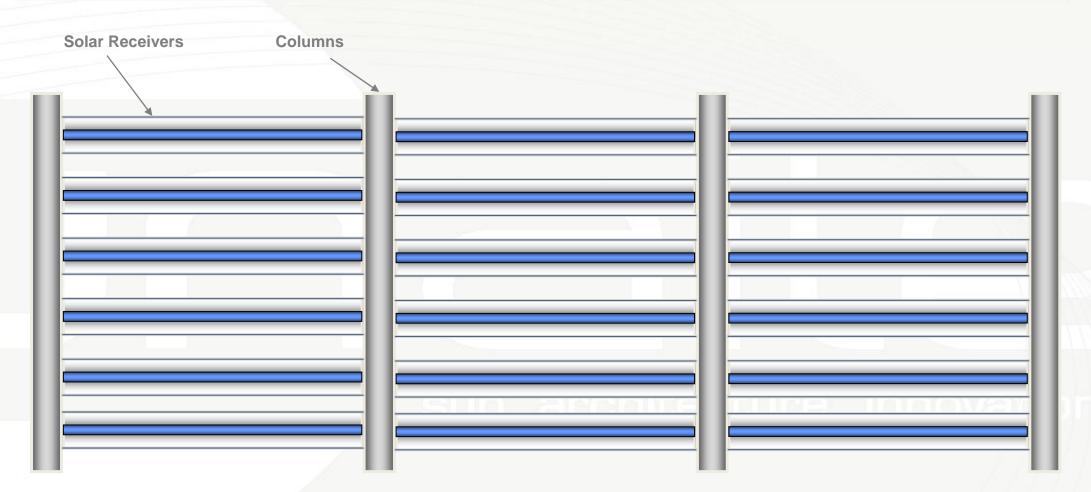
- Solar energy production (Thermal and electrical energy)
- In addition to primary function: Shading, Cover and safe-guards

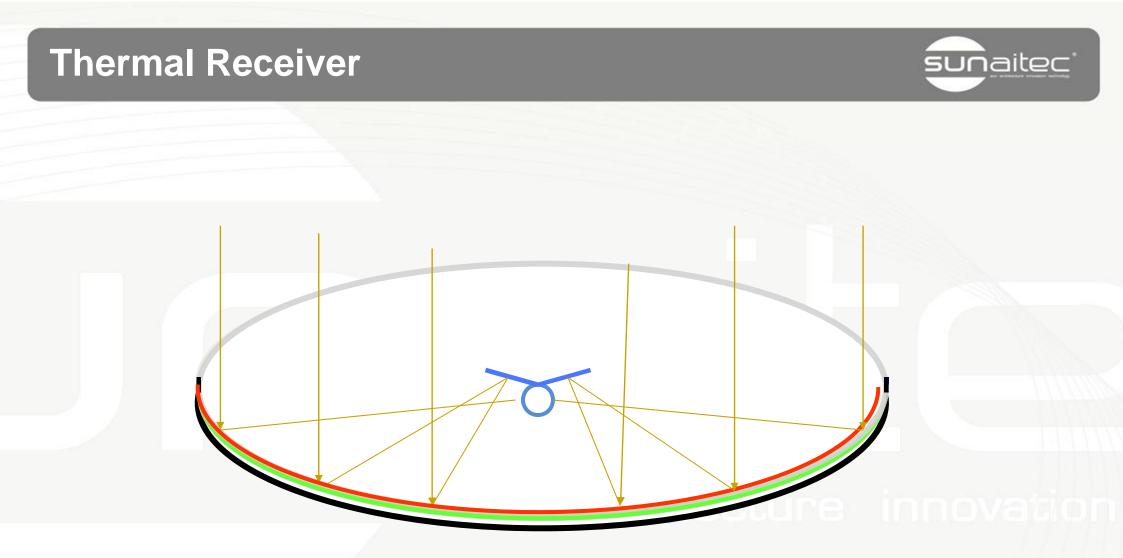


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The equipment

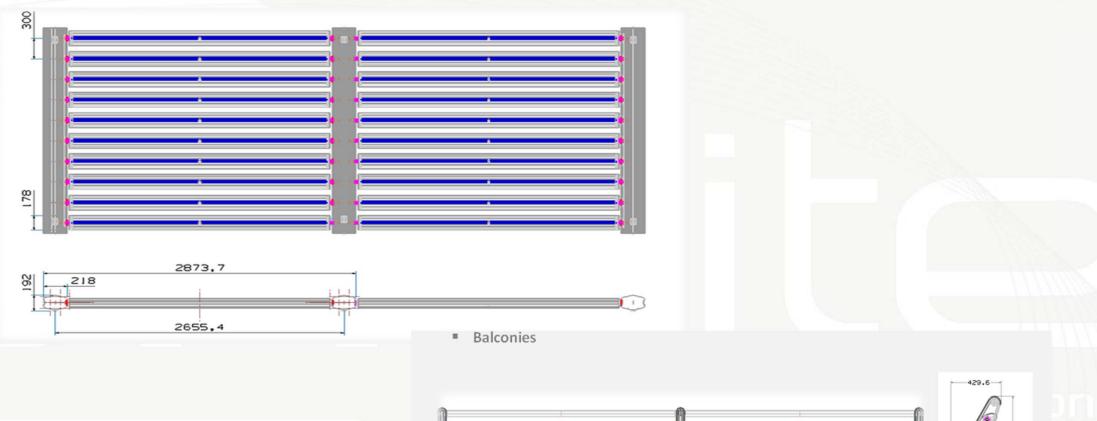


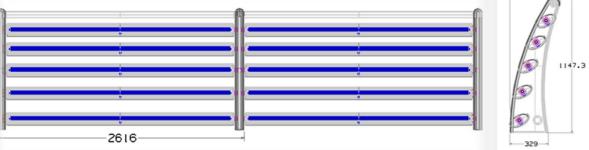


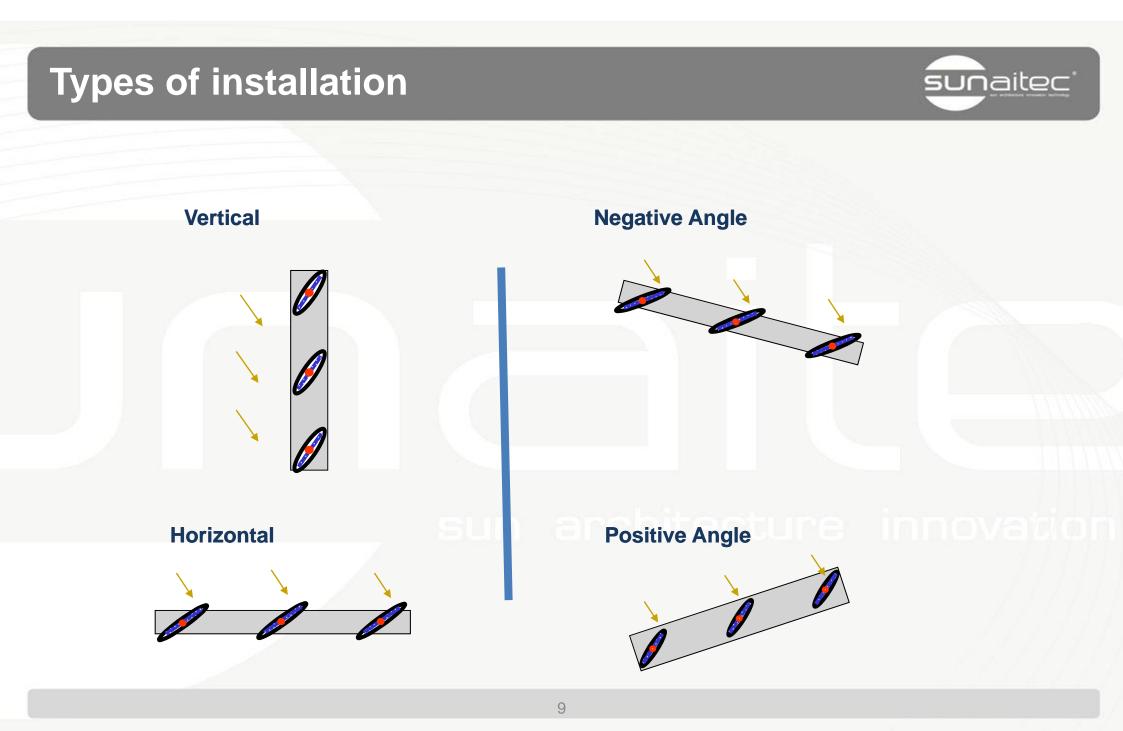


Dimensions









Sunaitec Equipment



The Purpose

- Water heating
- Swimming pool heating
- Acclimatization (heating and cooling)
- Electric Production (not yet available)





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Multifuncionalities



Cover Shading Safe guards









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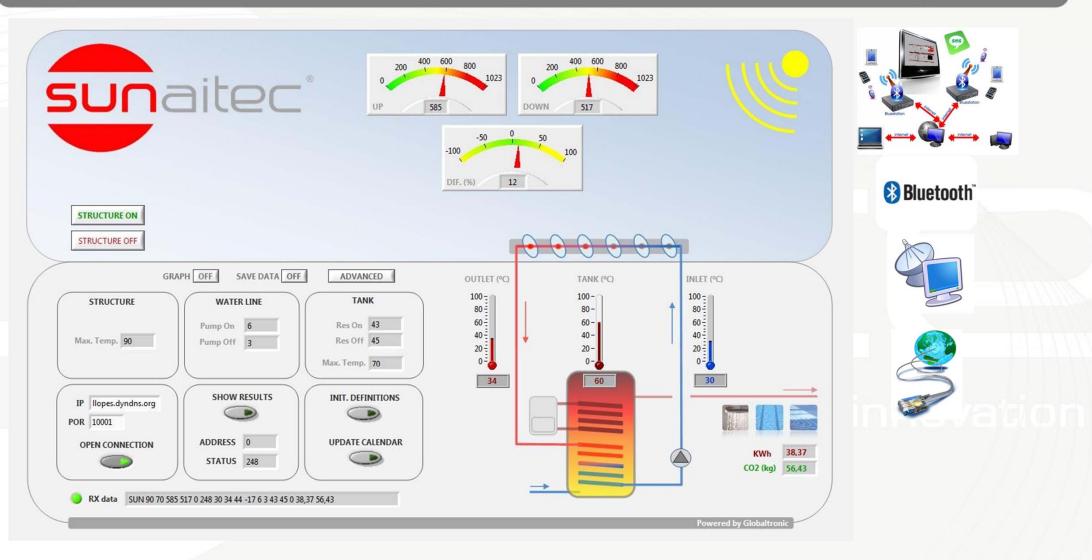
Family and Multifamily Buildings





Installations and Equipment Monitoring





Projects





- -PV Receiver -Steam Thermal Receiver for electric generation.
- Solar Air Condition (supported by the portuguese government)



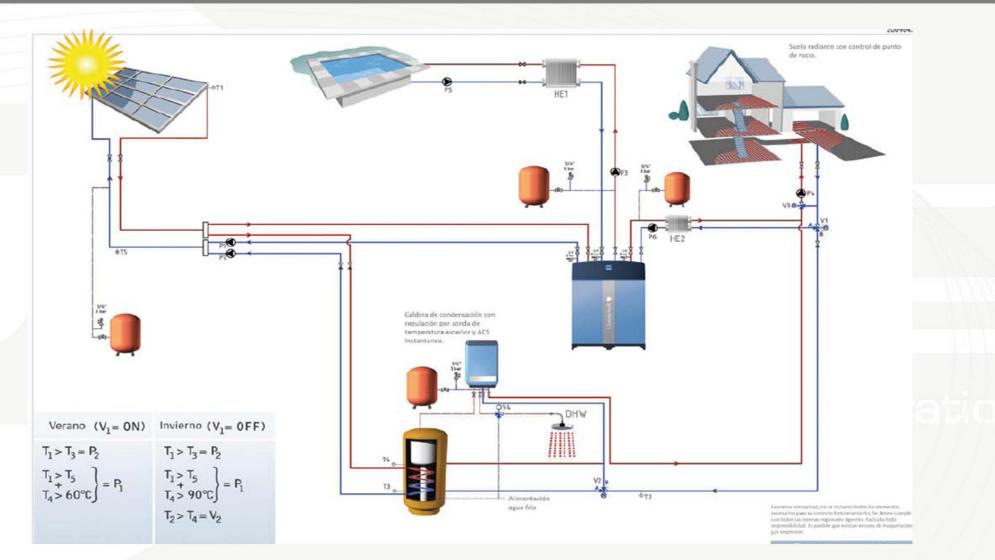




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Solar Air Condition





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Solar Air Condition





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Thank You

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