

Integrated System Solutions for Energy Efficiency



Centralised Hot Water

Centralised Hot Water Generation - "Regumaq" and "Regumaq Cascade"

- Alternative method of delivering "on demand" centralised hot water.
- Removes the need for stored hot potable water and potential legionella control problems.
- Electronically controlled to match the throughput of potable water.
- Cascade system combines a number of "Regumaq" stations to increase capacity

Localised Hot Water Generation - "Regudis" Heat Interface Units

- Provides a convenient way of providing local hot water generation
- Removes the need for stored hot potable water and potential legionella control problems.
- HIUs are fed with cold water and heating from the central boiler system,
- No need to run potable hot water supply and return pipework throughout the building.



Heat Interface Unit



Thermal Balancing

Thermal Balancing and Disinfection - "Aquastrom VT" and "Aquastrom K"

- Thermal control for hot and cold potable water recirculating systems.
- All circulation points achieve optimum flows to maintain ideal temperatures.
- Integrated hot water thermal disinfection facility.

Solar Thermal - Oventrop Solcos

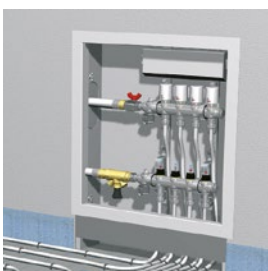
- Solar thermal energy for hot water generation and heating support.
- Reduction in the use of fossil fuels and CO2 emissions.
- Choice of supply only, design and supply or fully designed and installed packages.



Solar Thermal

Surface Heating - Oventrop Cofloor

- Ideal heating profile gently warms occupied zone.
- Reduced energy usage due to the lower operating and water temperatures.
- Produces warm dry floors restricting microbiological growth and allergens.
- Choice of supply only, design and supply or fully designed and installed packages for both screeded and dry build systems.



Surface Heating

Hydronic Balancing and Control

- System solutions for variable volume and constant volume systems.
- Thermostatic radiator valves.
- Differential pressure control valves.
- Pressure independent control valves.
- Static balancing valves.



Hydronic Balancing

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