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Utility Management
Submetering & Tenant Billing
Thermostat Control
Flood & Leak Detection

THERMOSTAT CONTROL SOLUTIONS

H2O Degree's Smart Thermostat Offers
Wireless Remote HVAC Control in Multi-Family
& Commercial Buildings



H2O Degree's Smart Thermostat Control solutions include the new T1000 Smart Thermostat which is a direct replacement for many 24VAC thermostats. The wireless, networked T1000 enables remote visualization and local control of conventional (forced air) heating/cooling, heat pumps, hydronic heating and electric heating. Easy to access and program, the T1000 Smart Thermostat encourages utility conservation by property managers and tenants alike in new construction and retrofit applications.

The T1000 collects a wide range of HVAC data by communicating wirelessly over H2O Degree's secure 2.4 GHz network. Property managers can view temperature and set-points from the thermostats installed throughout their building and adjust them either individually or all at once using a user-friendly dashboard. They can program multiple heat/cool set-points, toggle between heat/cool modes and use conservation settings such as "vacant" mode.

Applications include:

- Billing tenants based on run-time
- Maintenance alerts based on algorithms looking at usage, outside & inside temperature, etc.
- Building control – building managers can control individual thermostats on a facility level or down to individual tenants through the web portal and mobile app. Managers can control temperature set-points, vacancies, etc. based on energy saving opportunities and tenant comfort.

Temperature Control Benefits

- Offset heating and cooling costs by 10-20%
- Property Manager controls thermostats individually & as a group
- Maintenance reporting package based on temperature settings vs actual temperature indicating potential HVAC equipment failures
- One degree change in thermostat saves approximately 2% on the energy bill

Building Management Features

- View & control thermostats individually or in groups:
 - Temperature set-points
 - Thermostat set-backs
 - Demand response
 - Vacant apartment mode
 - Run-time reporting for billing tenants
- Diagnose heating & cooling equipment functionality
- Track heating and cooling energy in every apartment
- Identify issues that drive HVAC costs up



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Applications



- Affordable Housing
- Student Housing
- Market Rate Apartments, Condo/Co-Op
- Military & Assisted Living
- Hotels
- Commercial Office/Retail

Energy Conservation



- Temperature Control Limits
- Control Vacant Units
- Vacation, Holiday, Spring Break Modes
- Run-Time for Tenant Billing
- Demand Response Initiatives

Maintenance Alerts



- Never Achieve Set-Point
- Cycling On & Off
- Continuous Run-Time
- Benchmarking Tenants
- Temperature Charts to Manage Tenant Disputes

Safety & Catastrophe Prevention



- Winter - Temp. Exceeds Set-Point – Indicates External Heat Source (Space Heater, Oven) – Possible Fire Hazard
- Winter - Temp. Too Low – Possible Freezing Pipes
- Summer - Temp. Too High – Mold Prevention
- Temp. Code Violation Prevention & Compliance

Every Degree Counts

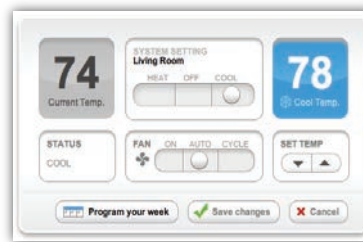
H2O Degree's VEnergy portal provides tenants and management with an easy-to-use energy website and Mobile App for mobile devices.

Features include:

- View & Control Thermostats
- Compare Usage to Personal Historical Data
- Control Thermostats and Remotely Program Settings
- Understand How and When Energy is Being Used

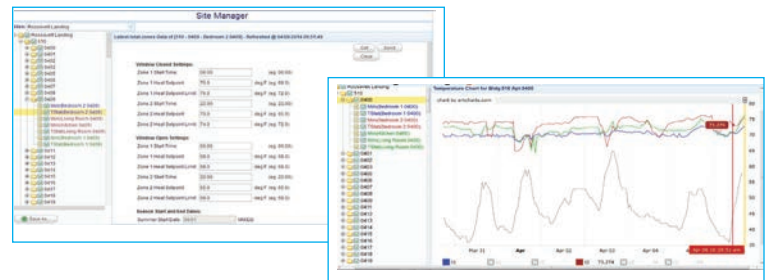
WHY H2O Degree

- ✓ Low-cost, easy to install solutions for new or existing buildings.
- ✓ Manage temperature facility wide via easy-to-use mobile app or web portal.
- ✓ Empower your tenants to reduce energy while ensuring comfort and safety facility-wide.



Tenants can manage and control their individual thermostat from anywhere Internet access is available.

Managers can manage set-points, vacant spaces and view temperatures in each apartment and measure total heat demand in conjunction with temperature changes.



Schedule A Free Site Evaluation!

H2O Degree's team of energy experts looks forward to supporting your next thermostat control project. Contact us today at (215) 788-8485, email info@h2odegree.com or visit www.H2ODegree.com/sitesurvey to schedule a free site evaluation!