

Intelagrid® Technology Solutions

ecoStat™ Product description

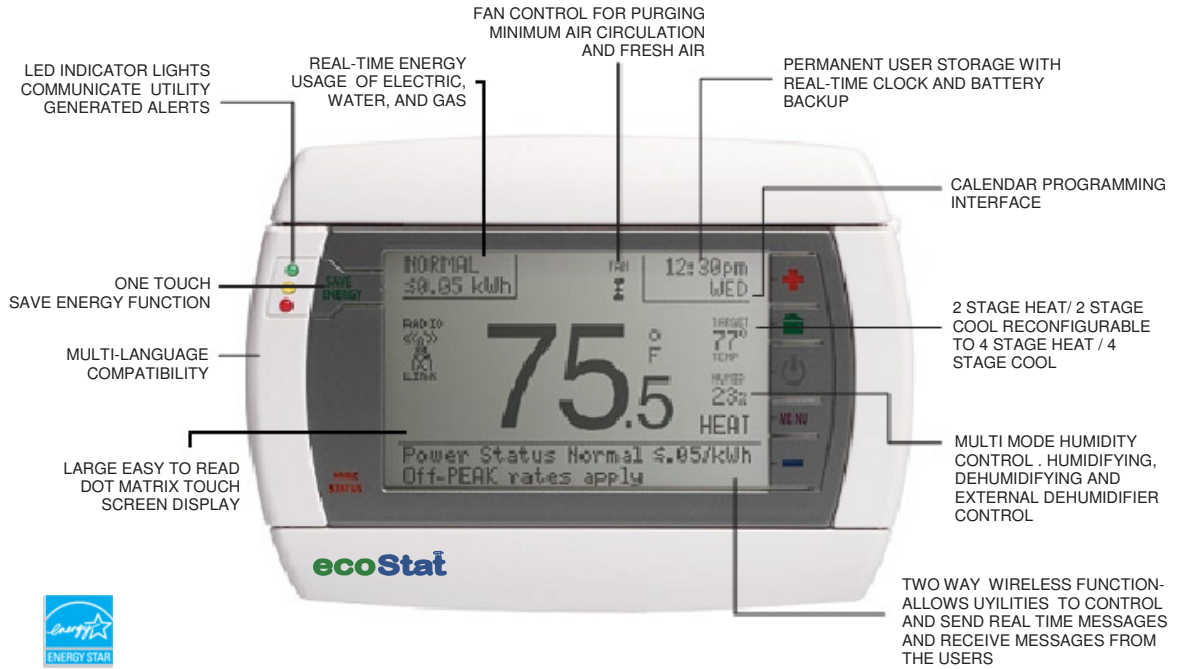
The ecoStat features built-in ZigBee wireless communication to Intelagrid's ecoNet or ecoBox gateways. Through the intelaHome customer portal, consumers have the ability to control the thermostat from anywhere in the world. Intelagrid's ecoOne software allows the utility to send and receive information in real time directly to the thermostat. This information is then displayed by the thermostat to communicate pricing and/or emergency information via color-coded indicator lights (green = off-peak, yellow = peak, red = crisis) Demand side management programs are

As utility companies adopt "time of use" pricing, the ecoStat can help the consumer manage their energy use—and save money—by reducing air conditioning and other energy usage during peak periods. In addition, during crisis energy periods, the thermostat can receive a signal directly from the utility company to adjust the temperature up in order to reduce energy demand. ecoStat provides real time usage of electric, water and gas as well as customized messages from the utility.

The ecoStat offers all the easy-to-use features consumers demand with the flexibility, demand control, and customer service support utilities need. Designed to meet the needs of utilities to communicate energy usage and other information directly with their customers in real time, the ecoStat offers both utilities and their customers the highest levels of functionality, convenience and ease-of-use available in a programmable communicating thermostat. The ecoStat is also an ideal thermostat upgrade for consumers who want to take advantage of the energy management and cost savings benefits enabled by a communicating thermostat.

KEY FEATURES

- Built-in communication system is designed to receive energy price and emergency signals from local utility companies during peak energy periods or other events
- Large, easy-to-read LCD touch screen display and illuminated buttons
- Color indicator lights display energy supply information from the utility (green = offpeak, yellow = peak, red = crisis), allowing customers to better manage their energy usage



Technical Specifications

Intelagrid Part Number	ecoStat
Compatible Systems	Heat/cool; heat pump
Control Stages	2 Heat, 1 cool
Frequency	2400 MHz to 2483.5 MHz, 16-MHz channels
Input Power	5VDC 30Ma Standby
Mechanical Dimensions	4 3/4" H x 4 1/4" W x 1.1/8" D

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