CANNON

Demand Response

Honeywell

UtilityPRO™ Thermostat

Cannon offers you the best thermostat available from Honeywell, a leading supplier of thermostat technology.

Overview

The Honeywell UtilityPRO™ demand response thermostat is based on Honeywell's award-winning programmable thermostat. It is designed to serve as the backbone of a successful demand response program and provide full state-of-the-art demand response functionality. The UtilityPRO provides the following features and benefits:

- Two-piece design for easy installation
- Customer-friendly user interface
- Large, easy-to-read backlit touch screen display
- Easy on-site or Web-based programming
- Cannon's unmatched control to manage peak power demand and maintain customer comfort
- Accurate, precise temperature control +/- one degree
- Adjustable heat and cool temperature limits
- Personalized in-home display
- Billing Capabilities
- "Adaptive Intelligent Recovery"
- Auto changeover capability
- Compressor protection
- "Save-A-Wire" ready functionality

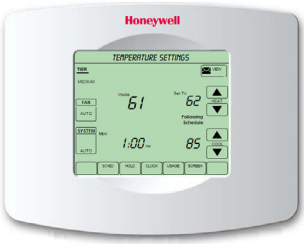
Features

In-home Display
The UtilityPRO thermostat features a large back-lit touch-screen display with the capability for flexible communications options such as custom text messaging and billing history.

Single Unit for All Applications
The UtilityPRO provides a single platform compatible with a range of communications options and a single thermostat unit designed for standard residential, heat pump, and multi-stage applications.

TrueCycle
Cannon TrueCycle program learns the behavior of air conditioning loads over time in order to calculate a formula to achieve more precise load reduction on oversized AC units. This translates to more efficient demand response.

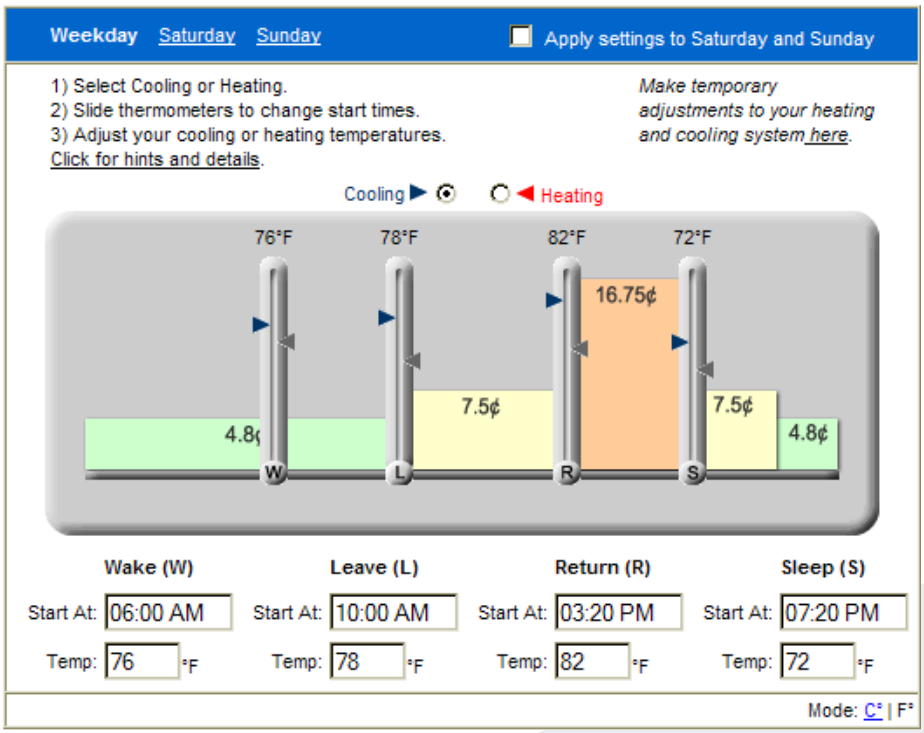
Web Programming
Cannon's Yukon platform has the ability to provide the participant with a Web page they can use to opt-out or temporarily or permanently decline to participate in the demand response program.



COOPER Power Systems

Demand Response

The UtilityPRO provides a single platform that is compatible with all applications. This display illustrates the time of use function.



Electrical Ratings

Terminal	Voltage (50/60Hz)	Running Current
W Heating	20-30 Vac	0.02-1.0 A
(Powerpile)	750 mV DC	100 mA DC
W2 Heating	20-30 Vac	0.02-0.6 A
Y Cooling	20-30 Vac	0.02-1.0 A
Y2 Cooling	20-30 Vac	0.02-0.6 A
Aux Auxiliary heat	20-30 Vac	0.02-1.0 A
O/B Changeover	20-30 Vac	0.02-0.6 A
E Emergency heat	20-30 Vac	0.02-1.0 A
L Heat pump reset	20-30 Vac	0.02-0.6 A

SPECIFICATIONS

Temperature Ranges

Heat: 40° to 90°F (4.5° to 32°C)
Cool: 50° to 99°F (10° to 37°C)

Operating Ambient Temperature

0° to 120°F (-18° to 48.9°C)

Shipping Temperature

-30° to 150°F (-34° to 66°C)

Operating Relative Humidity

5% to 90% (non-condensing)

Physical Dimensions

4-23/25" H x 6-2/5" W x 1-19/46" D
125 mm H x 166 mm W x 36 mm D

SYSTEM COMPATIBILITY

- 1 heat/1 cool conventional
- 1 heat/1 cool heat pump (no auxiliary heat)
- Heat only
- Heat only with fan
- Hot water Series 20 system (power to open and close zone valves / normally open zone valves)
- Cool only
- 2 heat/1 cool heat pump (with auxiliary heat)
- 2 heat/2 cool multistage conventional
- 2 heat/1 cool multistage conventional
- 1 heat/2 cool multistage conventional
- 2 heat/2 cool heat pump (no auxiliary heat)

Cooper Power Systems
Energy Automation Solutions
Cannon Technologies
505 Highway 169 North, Suite 1200
Minneapolis, MN 55441-6449
P: 800-827-7966
www.cannontech.com