



Smart Heating Solutions

Line-Voltage Thermostats

For Property Management

***Reduce Your
Energy Spend Now!***



Buildings...Meet **AUTONOMY**

**University of Washington Saved 4.9%
on Their Housing Energy Spend
With Autonomy.**



Autonomy saves energy, automatically setting back temperatures based on tenant inactivity

“ We ran an engineering study on our first project. The engineers modeled a savings of 4.9% for electricity. We have used this setback ECO thermostat on all of our projects since then. ”

*JR Fulton, Architect, LEED AP
Capital Planning & Sustainability Manager
University of Washington*

Simple & Powerful

**Timed Energy Management Without
Invasive Wiring or Building Automation,
That Reduces Energy Spend.**



Why It Matters?

- U.S. colleges spend an average of \$1.10 per SqFt on electricity
- Space heating accounts for 28% of total energy use
- Building managers should focus heating efforts on occupied rooms
- Over 40% of energy used is wasted on vacant rooms
- Increased awareness enhances desire to conserve in other ways

Are You A Property Manager?

Are you tired of paying for wasted energy?

K701-1-DTSB / K702E-DTSB Autonomy

WR120/230 & WRP120/230

WINDOW WATCHER



**LIMITED
1 Year
Warranty**

- ✓ Rental Apartments
- ✓ Student Housing
- ✓ Vacation Rentals
- ✓ Motels

**Automatic Temp Setback Thermostat
16AMP @ 120V or 208/240V**



**LIMITED
2 Year
Warranty**

**7-Day Programmable Thermostat
16AMP @120 or 208/240V
Non-Programmable also available**



Autonomous Dual Timed

Ideal for building managers of dorms and multi-family units. Reduces energy waste by automatically setting back the room temperature. Tenant sets the desired room temperature, after 2 hours sets back to the Minor set point. After 48 hours of no temperature adjustment sets back to the Major set point.

Features

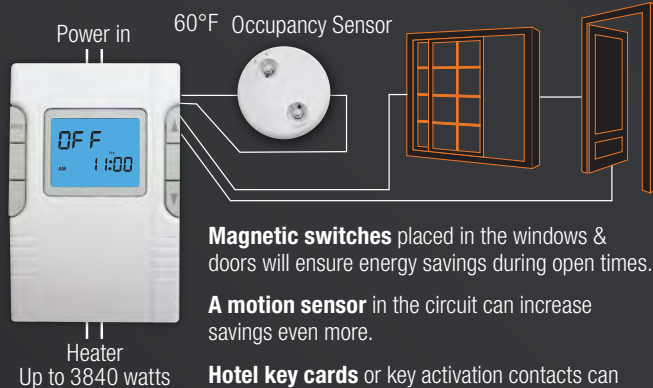
- Timed heating for building managers
- Ideal for rental apartments, students housing & vacation rentals
- (2) preset setback temperatures
- (2) preset times minor & major
- Simple 2 button operation
- Single or double pole line voltage
- Max room temp set point of 74°F min 55°F
- Electronic sensing for accurate temperature control ($\pm 1^\circ\text{F}$)
- Manual temperature range 55° - 74°F (5° - 24°C)
- 16 amp max (Resistive)



Take back control of tenants that waste your money by leaving their window or doors open. Add motion detecting and double your savings.

Features

- Controls temperature with simple window contact
- Optional motion detector increases savings
- (2) temperature options: 40 or 60 degrees
- Guaranteed savings
- Simple bell wire connections
- 7-Day programmable or non-programmable
- Models available
- Double pole line voltage
- 16 amp Max (Resistive)



Magnetic switches placed in the windows & doors will ensure energy savings during open times.

A motion sensor in the circuit can increase savings even more.

Hotel key cards or key activation contacts can start room heating upon client entry and set back when they leave.

K901-B / K902-B THERMOSTATS Wifi

LIMITED
3 Year
Warranty




Wifi



16AMP @120 or 208/240V

Features

- Single pole or double pole line voltage
- Programmable with hoot smart phone app
- Temperature range 41° - 90°F (5° - 32°C)
- Program 4 or 6 time periods for maximum flexibility
- Electronic sensing for accurate temperature control ($\pm 1^\circ\text{F}$)

K302PE PROGRAMMABLE THERMOSTAT

LIMITED
1 Year
Warranty

ClearTouch™

**Electronic 7-Day Programmable
15AMP @120, 208/240V**



Features

- 7-Day programming
- Touch sensitive buttons
- Temperature lock feature: set a min & max temp limit
- System ON/Standby switch
- Compatible with the K312Relay to extend the heating zone



REV_3-09-20
UPC#11019

King Electrical Manufacturing Company
9131 10th Avenue South, Seattle WA 98108 phone 206.762.0400 fax 206.763.7738
king-electric.com



Smart Heating Solutions



|  | |  | |  | | |  | |  | |  |  | |  | | |
|---|--|---|---|--|--|--|---|---|---|--|---|---|---|---|---|--|
|  | |  | |  | | |  | |  | |  |  | |  | | |
| Wifi | | | | Extends Heating Zone | | | | | Cooling | | 2-Circuit Design | Occupancy Sensor | | Timed Setback | | |
| Item Number | | K901-B *K902-B | | K702E-2 *K701E-B | | K302PE | K322E | K312RELAY | ES230-R | ESP120-R *ESP230-R | K101 *K102 | K101-C | HP30 | WR120-B *WR230-B | WRP120-B *WRP230-B | K701-1-DTSB *K702E-DTSB |
| Feature Rating | ★★★★★ | | ★★★★★ | | ★★★★★ | ★★★★★ | ★★★★★ | ★★★★★ | ★★★ | ★★★★★ | ★★ | ★★ | ★★★★★ | ★★★ | ★★★★★ | ★★★★★ |
| Description | WiFi Programmable Electronic with Smart Phone App | | Personalized Presets Electronic | | Programmable Electronic | Non-Programmable Electronic | Slave Relay for K302PE and K322E | Non-Programmable Electronic 22 Amp | Programmable Electronic 22 Amp | Mechanical Rotary | Mechanical Rotary Cooling Fan Control | Programmable Electronic 2-Circuit | Non-Programmable Electronic Window Watcher Setback | Non-Programmable Electronic Window Watcher Setback | Programmable Electronic Window Watcher Setback | Autonomous Dual Timed Heating |
| WiFi Enable | YES | | NO | | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| iPhone/Android App | YES | | NO | | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Programmable | 7 Day Programmable | | 3 Programmable Presets | | 7 Day Programmable | Non-Programmable | Non-Programmable | Non-Programmable | 7 Day Programmable | Non-Programmable | Non-Programmable | 7 Day Programmable | Non-Programmable | 7 Day Programmable | Non-Programmable | 2 Timed Setbacks |
| Temperature Range | 40°F- 95°F | | 41°F- 95°F | | 41°F- 95°F | 41°F- 95°F | N/A | 40°F- 95°F | 44°F- 95°F | 41°F- 90°F | 41°F- 90°F | 40°F- 93°F | 40°F-74°F | 40°F-74°F | 40°F-74°F | 55°F - 74°F |
| Max Power | 3840W @ 240VAC 3328W @ 208VAC 1920W @ 120VAC | | 3840W @ 240VAC 3328W @ 208VAC *1920W @ 120VAC | | 3600W @ 240VAC 3120W @ 208VAC 1800W @ 120VAC | 3600W @ 240VAC 3120W @ 208VAC 1800W @ 120VAC | 3600W @ 240VAC 3120W @ 208VAC 1800W @ 120VAC | 5280W @ 240V 4576W @ 208V | 2640W @ 120V *5280W @ 240V *4576W @ 208V | 6094W @ 277VAC 5280W @ 240VAC 4576W @ 208VAC 2640W @ 120VAC | 4986W @ 277VAC 5280W @ 240VAC 4576W @ 208VAC 2640W @ 120VAC | 7700W @ 240V 6656W @ 208V 3840W @ 120V | *1920W @ 120V *3328W @ 208V *3840 @ 240V | 3320W @ 208V *3328W @ 208V *3840 @ 240V | 3320W @ 208V *3328W @ 208V *3840 @ 240V | *3840W @ 240VAC *3328W @ 208VAC 1920W @ 120VAC |
| Single or Double Pole | Single Pole *Double Pole | | Double Pole *Single Pole | | Double Pole | Double Pole | Double Pole | Single Pole | Single Pole | Single Pole *Double Pole | Single Pole | Dual Single Pole design with 4 wires | Single Pole | Single Pole | Single Pole | Single Pole *Double Pole |
| Wires | 3-Wires *4-Wires | | 4-Wires *2-Wires | | 4-Wires | 4-Wires | 4-Wires | 3-Wires | 3-Wires | 2-Wires *4-Wires | 2-Wires | 4-Wires/ 2 per circuit | 3-Wires | 3-Wires | 3-Wires | 3-Wires *4-Wires |
| Backlit LCD Display | YES | | YES | | YES | YES | NO | YES | YES | NO | NO | YES | YES | YES | YES | YES |
| Relay Rating | 16A | | 16A | | 15A | 15A | 15A | 22A | 22A | 22A | 22A | 16A per Pole (x2) | 16A | 16A | 16A | 16A |
| Battery Powered | NO | | NO *YES | | NO | NO | NO | NO | NO | NO | NO | YES | NO | NO | NO | NO |
| Program Backup | YES | | YES | | YES | YES | NO | YES | YES | NO | NO | YES | YES | YES | YES | YES |
| Accuracy | +/- 1°F | | +/- 1°F | | +/- 1°F | +/- 1°F | N/A | +/- 1.5°F @ 22A +/- 1.4°F @ 16A +/- 1.2°F @ 10A +/- 0.9°F @ 4.2A | +/- 1.5°F @ 22A +/- 1.4°F @ 16A +/- 1.2°F @ 10A +/- 0.9°F @ 4.2A | ±3° F | ±3° F | ± .9°F | ± .9°F | ± .9°F | ± .9°F | +/- 1°F |
| Power Supply | 120/208/240V | | 208/240V *120/208/240V | | 120/208/240V | 120/208/240V | 120/208/240V | 208/240V | 120V *208/240V | 120/208/240/277V | 120/208/240/277V | 120/208/240V | 120V *208/240V | 120V *208/240V | 120V *208/240V | 120V *208/240V |
| Off Switch | Standby Switch *Positive Off Switch | | Positive Off Switch *Standby Switch | | Positive Off Switch | Positive Off Switch | Positive Off Switch | Standby Switch | Standby Switch | NO *Positive Off Switch | NO | NO | NO | YES *YES | YES *YES | NO |
| Custom Presets | YES | | YES | | YES | NO | NO | NO | YES | NO | NO | YES | YES | YES | YES | YES |
| Manual Override | YES | | YES | | YES | YES | NO | YES | YES | NO | NO | YES | YES | YES | YES | YES |
| Boost | YES | | NO | | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | YES |
| Touch Sensitive Buttons | YES | | NO | | YES | YES | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Available Slave Unit (Relay) | NO | | NO | | YES (K312RELAY) | YES (K312RELAY) | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Vacation Mode | YES | | NO | | YES | NO | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO |
| Temperature Lock /Set Min & Max Temp Limit | YES | | NO | | YES | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Keypad Lock | YES | | NO | | YES | YES | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Remote Input for Setback | NO | | NO | | YES | YES | YES | NO | NO | NO | NO | NO | YES | YES | YES | NO |
| PIR Occupancy Input | NO | | NO | | YES | YES | YES | NO | NO | NO | NO | NO | YES | YES | YES | NO |

For Use On Line Voltage Baseboard, Fan Forced & Radiant Electric Heaters