

# 9388B

## Demand Management System



## Avoid the frustration of high-cost demand charges with the Energy Sentry 9388B

The Energy Sentry line of demand management systems offers an easy and efficient way to put money back into your pockets.

Reliable. Quality. Easy to use. Brayden Automation's Energy Sentry Small Commercial Demand Management Systems gives you the power to monitor and control your high demand peaks. With over 30 years of experience, we take pride in our expert knowledge and top-notch customer service — not to mention the most durable, user-friendly demand management systems in the industry. The Energy Sentry is the leader in controlling demand peaks and, to find the best solution for your needs and applications, we'll build and customize a 9388B especially for you.

Call anytime - we'd be happy to discuss how the 9388B can help you save!



a product of Brayden Automation Corporation  
*Helping you to use energy more efficiently*

For more information, contact Brayden Automation Corporation, 6230 Aviation Circle, Loveland, Colorado 80538  
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## Change the Look of Your Utility Bill

Each month, your utility charges not only on the total amount of energy you use, but also for your peak demand. When you use a lot of electricity at one time, your demand increases. The highest demand in any one demand interval is your peak demand, and determines the corresponding demand charge. This can be costly, because you may not use this much energy at all times of the day or month, but the utility bills you for this peak demand. Controlling your demand each month can lead to substantial savings on your monthly electric bill.

**Customers typically save 20% to 40% each month.**

## Take Control with the 9388B

The Energy Sentry Model 9388B from Brayden Automation Corporation is the ideal solution to controlling your peak demand. By controlling *how* you use your electricity, you can use the same amount of energy each month at a distinctly lower cost.

As your partner in savings, we'll work closely with you to determine the proper demand levels for your office, business, church or other commercial facility, and we'll help you set the Energy Sentry for maximum savings and the greatest convenience. Once installed the Energy Sentry goes to work measuring and calculating the proper time and level to manage certain loads in your facility.

**Most Energy Sentry Systems pay for themselves within 2-3 years.**

While all loads in your building are measured, only those loads that are large contributors to your peak demand are managed by the Energy Sentry. These loads are usually air conditioner compressors, water heaters, heat strips or other loads with thermal storage. Loads such as lighting, office equipment, computers, telephones and plug loads are not managed by the system and won't interrupt your daily work-flow.

This type of demand management is effective because your building won't become instantly hot or cold if the cooling or heating systems are managed for a short time. Likewise, the water in your water heater will remain hot for long periods of time while the water heater is off. The system works with your building on the principal of energy storage and is virtually maintenance-free.

## Set It and Forget It

Our sophisticated microcomputer-based technology means that there's no programming necessary to run the Energy Sentry. A simple pushbutton switch and control knob, combined with an easy-to-read display, allow you to change any of the system settings and monitor real-time system information. The Energy Sentry's advanced memory allows all system settings to be remembered and time clock settings to be accurate even after a power failure.

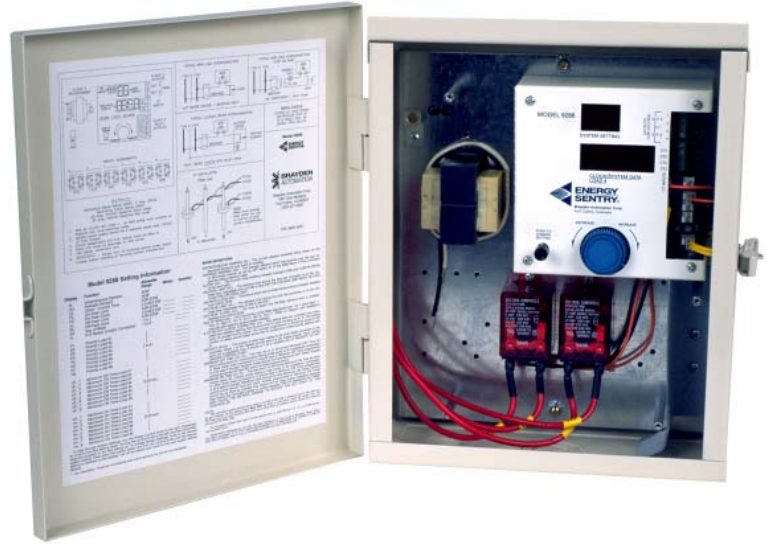
**All Energy Sentry products carry a 3-year limited warranty.**

→ **Straight or Time-of-Use demand rates**

→ **Easy-to-read display**

→ **Simple to operate**

→ **EnergyAccess® compatible**



## Specifications

### Electrical

Voltage Input: 120VAC @ .25 Amp MAX

Current Transformer Input: 0-200 mA

Pulse Input: KYZ (use either KY or KZ)

Pulse Constant Value: .1 to 604.3 wh/p

Demand Limit Ranges: 9388BA: 40KW or 80 KW

9388BP: 50KW, 100KW, 200KW, 500KW, or 1000KW

9388B3: 50KW or 100KW

Demand Limit Resolution: 4% - 99% of Full Scale

Demand Display Resolution: .1KW

Demand Averaging Period: 15, 30, 60 min.

Demand Calculation Update: <1 sec.

Audible Alarm Outputs: 1; optional audible alarm

Relay Outputs: 8

Relays: 2 internal SPST-NC low-power outputs 3 Amps @ 30VAC/VDC

Available with up to eight 30 Amp DPST-NC relays rated @ 300VAC to control up to 16 circuits

Low power 3 Amp remote relays for HVAC control circuits also available

Powerline carrier system available

Standard Relay Configuration: 4 DPST-NC 30A/300VAC

System Settings Memory: Non-volatile EEPROM/Battery Backed RAM

### Mechanical

Size: 12" H x 10" W x 4" D

Enclosure: .060 steel housing with hinged cover door for easy access to connections

Weight: 17 lbs.

*All specifications are subject to change without notice.*