



# 9320 Series

## Electrical-Power Demand Monitor

### monitor power usage and save money with the 9320 Series Demand Monitors

Realize substantial savings with the ability to monitor  
—and react to— peak demand situations!

Brayden Automation's 9320 Series Energy Sentry KW Demand Monitors are designed for commercial, industrial and utility applications — and with three different models to choose from, we're sure to have the perfect solution to your high-cost energy problems.

Call us today and start saving money on your energy bills!



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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- ➔ **Straight or TOU demand rates**
- ➔ **RS-232 Interface**
- ➔ **EnergyAccess® compatible**
- ➔ **Adjustable alarm settings**
- ➔ **Easy-to-read display panel**

## Specifications

### Electrical

**Voltage Input:** 12VAC @ .5 Amp, 24VAC available

**Power:** 6 Watts (MAX)

**Power Transformer:** UL Listed Class II control transformer, 20VA  
120:12VAC (24VAC available)

**Current Transformer Input:** 0-200 mA

**Pulse Input:** KYZ (use either KY or KZ)

**Pulse Constant Value:**

9321A: 50KW, 100KW, 200KW, 500KW, & 1000KW

9321M: 500KW, 1MW, 2MW, 5MW & 10 MW

9322A: 40KW or 80 KW

**Demand Limit Range:** 2% - 99% of Full Scale

**Demand Monitoring Increments:**

All models except 9321M: .1KW

9321M: 1KW

**Demand Averaging Period:** 15, 30, 60 min.

**Demand Calculation Update:** <1 sec.

**Audible Alarm Outputs:** 1

**Alarm Frequency/Rate:** 3000Hz @ 1Hz ON/OFF CYCLE

**Internal Relay Outputs:** 1 SPST-NC, rated 3 amperes @ 30VAC

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

### Mechanical

**Size:** 7.75"H x 5.25"W x 2.0"D

**Enclosure:** .080 aluminum housing with hinged cover door for easy access to connections

**Weight:** 2 lbs.

*All specifications are subject to change without notice.*

### All Models

All Energy Sentry 9320 Series Demand Monitors are equipped with an audible alarm for notification of an impending over-limit condition. Two 3-Amp dry contact relays are available for use with remote systems or to notify another control system. All are housed in an industrial grade enclosure for long term service in rugged environments.

### Model 9321A

Designed for applications up to 1000KW where demand information is supplied from a KYZ pulse initiator-equipped utility demand meter. The pulse value is field programmable and compatible with most KYZ switches.

### Model 9321M

Designed for applications up to 10MW. Demand information is supplied from a KYZ pulse initiator-equipped utility demand meter. The pulse value is field programmable and compatible with most KYZ switches.

### Model 9322A

Designed for single phase applications up to 80KW where current transformers can be used for power monitoring. It can be temporarily or permanently mounted in residential or commercial applications where flexibility is desired for monitoring many different sized electrical services.

### Warranty

All Energy Sentry® products carry a three-year limited warranty.