

EDEN™ EMS

ENERGY MANAGEMENT PLUS
PTAC PERFORMANCE



Premium Amana Brand® Quality | Eden™ Control Board

TOTAL GUEST COMFORT CONTROLS

- **Accurate temperature control** in one degree increments.
- **True occupancy detection** via the wireless door switch and occupancy sensor ensures guest comfort while the room is occupied and energy savings when it not in use.
- **Auto heat** ensures that *(when in heating mode)* the heat strip is engaged if the compressor cannot meet the guest's comfort level request.
- **Total fan control** allows the guest to select fan speed and continuous or non-continuous fan operation for their comfort
- **Comfort assurance** as the unit returns to the temperature set point when a room becomes occupied.
- **Optional BacNet control functionality** can be achieved using a third-party BAS *(Building Automation System)*.



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KEY COMPONENTS OF AN EDEN EMS

DT01G RF Wireless Antenna

The antenna communicates to the Amana® brand Eden suite of devices via an encrypted 2.4 Ghz signal.

DS01G Remote-Mounted Thermostat

The large LED display and color-coded temperature controls provide easy adjustment for guest comfort.

DD01E Motion Sensor/Door Switch

The occupancy sensor is a combination door-switch and room motion sensor.

DLO1G Eden Controller

The controller communicates via antenna to each Amana brand Eden PTAC equipped with a gateway antenna.

■ RAISING THE BAR IN PTAC CONTROLS

The Amana brand Eden control system brings together our best PTAC and our finest energy management software (EMS). Both are available now with our optional property management and front desk management software. Reduce PTAC energy consumption up to 35% OR MORE* with features such as the in-unit energy management system, programmable temperature set-back, and temperature limiting. Improved maintenance can sustain energy efficiency (EER) and prolong the life of PTAC units, keeping equipment running efficiently and helping keep guests more comfortable.

The Eden EMS employs an in-room wireless thermostat and occupancy sensor that connect with the push of a single button. No wiring is required. This connects all PTACs in a building so they can be monitored from a single control point. At any time, the system can tell if a unit is running, if the room is occupied, and report the status of any connected PTACs. In today's economic climate, saving money is always in style. Get control of energy expenses with an Amana brand PTAC equipped with an Eden EMS.

■ EDEN WIRELESS ENERGY MANAGEMENT SYSTEM MAKES SENSE

Designed exclusively for Amana brand PTAC units, Eden technology has dramatically raised the bar in PTAC controls. Guests will appreciate its large, easy-to-read LED display that allows them to check the temperature with a quick glance and, if desired, change the setting to a specific temperature by pressing a button. Plus, the Eden controls offer many programmable features and self-diagnostics that help facility personnel better administer the care and maintenance of the PTACs in their facility, and allow management to more effectively track operating costs. One of these features is a "set-back" program that senses when a room is vacant and begins setting the temperature back in three successive steps, thereby saving energy.

One of the most significant breakthroughs in the PTAC industry is our Eden wireless energy management system that ensures the energy used is minimized in cooling and heating rooms when guests are not in the room.*

* These savings represent savings over time as compared to the same PTAC model without the Eden EMS installed and were generated using general assumptions including energy loads, local weather averages, and use of occupancy controls. Actual savings will vary according to use habits, room square footage, and how the unit is installed.

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

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800-647-2982

Call your Amana brand PTAC sales representative for complete details.