



Build a better business.

A convenience store uses more energy per square foot than virtually any other format. That means you're facing daily challenges on a variety of fronts. How do you control energy costs? Extend the life of your vital HVAC and refrigeration equipment? And protect and preserve the quality of food on your shelves?

Fortunately, there's one answer to all those questions – the E2 Facility Management System from Emerson Climate Technologies™.

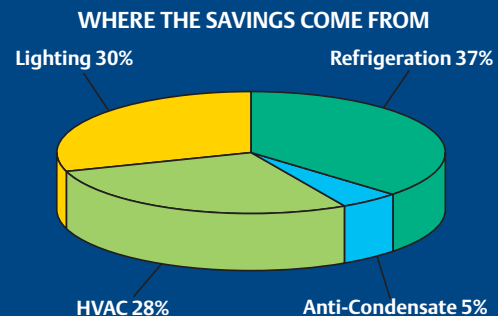
With Emerson, you have everything you need to control and monitor your critical equipment and ensure the quality of the product you sell to your customer. It's a solution that can save you money...Lots of money.

How much savings?

E2 reduces energy costs in a typical store by 15 percent. What could you do with \$5,400 added to each of your store's bottom lines every year?

To equal that 15 percent saving, a 4,000 square foot store would have to sell:

- 30,000–40,000 extra gallons of gas a year
- 16,000 bottles of soda
- 11,000 candy bars



Control Solutions

Computer Process Controls (CPC)

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\$500 million in energy savings.

Are you getting your share?



EMERSON. CONSIDER IT SOLVED.™

Extend Equipment Life

Your refrigeration and HVAC equipment is the lifeblood of your business. With the E2, you can increase its life – and protect your investment.

Advanced control algorithms enable the E2 to minimize run times, and maximize energy efficiency.

The E2 is designed to keep refrigeration units at optimal temperatures. That means constant product quality and reduced running times.

Precise temperature control means your equipment runs only when needed.

Lighting – The E2 uses actual light level to control indoor and outdoor lighting. E2 cycles the lights on in stages to lower demand charges on your utility bill and put money in your pocket.

HVAC – The E2 does away with unreliable, antiquated mechanical controls for heating and cooling. With E2, your store environment is managed to maintain precisely the temperatures you want. In addition, intelligent control can optimize temperatures to reflect changes in the seasons or time of day. Smarter control means more profits and a comfortable environment for your customers.

Refrigeration – By optimizing operation, the E2 will control temperature in your cases or coolers to maximize food quality and minimize power consumption. This will add even more profits to your bottom line.

Anti-condensate heaters – The E2 controls door heaters in glass display cases so they only operate when required. Today, most heaters run 100 percent of the time, while conditions might call for as little as 10 percent usage. Reduced operating cost means higher profits.

Maintenance Savings

E2 tracks and records the operation of your equipment to improve store operation. In addition, current operating conditions and recorded data can be accessed remotely. These features enable several benefits:

- **Reduced maintenance calls** – Remote communication can cut your on-site service calls in half by eliminating unnecessary service calls.
- **Remote diagnostics** – Repair contractors bill by the hour. By pinpointing the problem and ensuring replacement parts are on the truck

before a technician is dispatched, you can save costly on-site diagnostic time and make sure your store is back in operation without delay.

- **Alarming** – Too busy to notice potential problems? The E2 immediately communicates alarms should your equipment malfunction or fail. And that means quicker response to potentially costly downtime.

Monitor for Success

Your solution includes a fullystaffed, full-time Emerson Climate Technologies ProAct® center; a remote location that can bring you quick, complete support and service capabilities. Among the built-in benefits this monitoring capability brings you and your business are:

- **Alarm monitoring and service dispatch** – The ProAct service center can monitor facility alarms and dispatch repair technicians to your store before your employees even notice a problem – potentially saving you thousands in lost product or even lost sales.

The Complete Solution

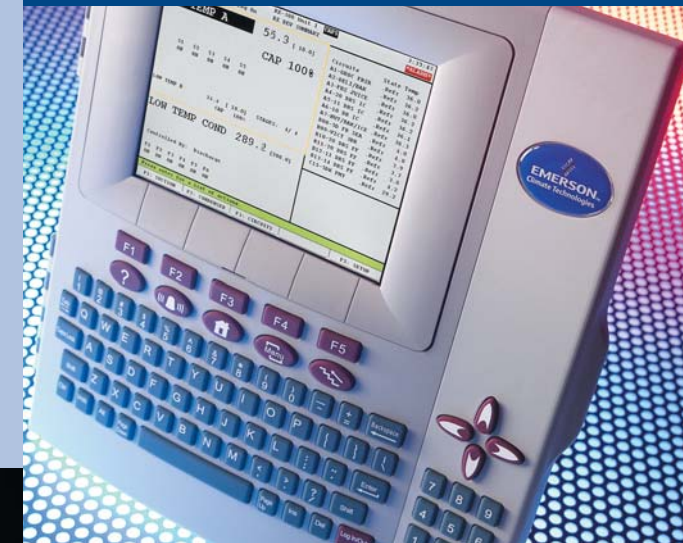
The E2 system consists of a variety of time-tested products, including:

E2 Controller – the heart of the system that communicates via telephone or Ethernet

Facility management system panel – relay boards that switch equipment on or off and receive information from sensors throughout the store

Pulse modulating anti-condensate controllers – installed on walk-in units to control the door heaters

Sensors – critical information collectors for HVAC temperatures, outside temperature and light levels, refrigerated cases and relay boards to replace mechanical time clocks



See the results for yourself.

Emerson has helped many operators realize significant savings, increased food quality and higher store profits for their business. See for yourself why the E2 is the most advanced, most effective convenience store facility management system available anywhere.

