

ENERGY MANAGEMENT SYSTEM FOR MULTI-UNIT DWELLINGS

Be competitive and reduce your building operational costs now!



Cristal Controls' energy management system, a simple way to save power in multi-unit dwellings

Before, centralized energy management systems were installed mostly in commercial and industrial buildings in order to control and supervise power consumption. Their integration in multi-unit dwellings was expensive and unjustified for their usually small size. However, multi-unit dwellings now have equivalent or higher energy needs as commercial businesses.

Cristal Controls offers a broad line of simple and efficient solutions, which integrate the same control and energy management functions as products designed for commercial and industrial companies. However, our systems have been simplified and adapted to the needs of multi-unit dwelling owners, who want to consume energy more intelligently and save more.



1 Cristal Controls electronic thermostat with WATCH option

With Cristal Controls' energy management systems you will save:

- With a high performing building in terms of energy
- With the optimization of power consumption without affecting comfort

With Cristal Controls' energy management system you can:

- Manage and maintain a stable temperature
- Manage schedules peer to peer
- Manage and reduce electrical demand
- Adjust intelligent thermostats according to outside temperature
- Manage generator and benefit from an expert advice service to choose a transformer adapted to your needs
- Access the system remotely
- Data logging such as global energy and point by point energy

2 LS-2010 control and energy management panel



ENERGY MANAGEMENT SOLUTIONS ADD VALUE TO A BUILDING

The WATCH option, a complement to the energy management system

WATCH is a simple emergency notification system for local use

- Allows residents to alert personnel in case of emergency
- Red button on thermostat option
- Wireless option with bracelet or portable necklace
- Transmission of an instantaneous, detailed alarm to the reception, a pager, or the intercommunication system
- Alarms are kept in the system's memory



Benefits of WATCH system

- Secures the occupants who use it
- The Vigilance system uses the same network as the energy management system, which eliminates the installation cost of a second network
- The wireless option can be offered at a monthly fee and provide the owner with additional income

An energy commissioning plan is:

A way to understand energy use in the building with simple and personalized reports

A way to meet one of our energy experts every month to obtain advice in developing an energy management plan suited for your building and needs

A way to fully exploit your energy management system's potential without having to bother about adjusting and supervising it

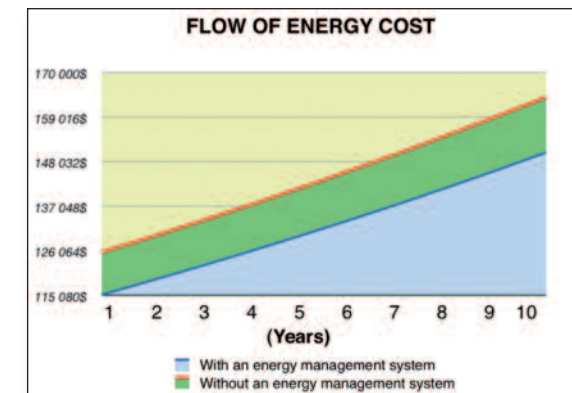
A way to plan a sound energy use for short, medium, and long term savings

BENEFITS

Our reports indicate, in opposition to utilities reports, not only the amount of energy used but also where it was used thanks to a metering system

We notify you upon detection of irregularities in the building power consumption so you can react faster to save more money. A peak can be very costly.

We advise you in choosing the best utility rate and suggest adjustments which are beneficial for you.



Our experts guide and support you in elaborating a strategy to save energy and manage operational costs.



Energy management system for multi-unit dwellings

Printed in Canada



2025 Lavoisier, suite 135, Québec, (Qc) G1N 4L6 CANADA
 Phone (450) 646-9590 US & Canada 1.800.681.9590 ext.222 Fax (450) 646-3391
 infos@cristalcontrols.com

www.cristalcontrols.com