



COMMERCIAL VISIONPRO AND LCBS DELIVER  
REDUCED ENERGY COSTS FOR RETAIL LOCATIONS

**Ease Of Use Leads  
To Easy Savings**



Luxottica Retail reduced its HVAC energy consumption up to 30% per day with Honeywell's energy-saving Commercial VisionPRO 8000® thermostat (TB8220U1003). Operating multiple LensCrafters, Pearle Vision and Sears Optical locations, Luxottica Retail needs to ensure the comfort of its customers and staff while trying to control energy costs. Dennis Feix, Senior Store Maintenance Manager, and Honeywell contractor Edwards Electric & Mechanical routinely discuss HVAC controls and HVAC energy management, which resulted in Edwards Electrical & Mechanical recommending the new Honeywell Commercial VisionPRO® 8000 thermostat. Due to the overall performance characteristics of the Commercial VisionPRO — easy programmability, multiple keypad lockouts, holiday setback and energy-saving features — the decision to install Honeywell thermostats in Luxottica locations took mere minutes.



*The Commercial VisionPRO® 8000 offers multiple lockout levels, configurable recovery ramps, temperature setback and effortless programming that all help save energy.*

## The Challenge

- Conserve energy in LensCrafters locations
- Provide a comfortable shopping environment
- Improve indoor air quality
- Standardize on an easy-to-use thermostat

## The Solution

- Commercial VisionPRO® 8000 (TB8220U1003)
- Light Commercial Building Solution™ (LCBS)

## The Results

- Compressor and fan run times decreased from 18 hours a day to 9 to 10 hours per day
- Approximately 30% reduction in HVAC energy consumption per day
- Improved customer comfort and indoor air quality
- Commercial VisionPRO easy to program, flexible, inexpensive to install and reduced operating costs
- Commercial VisionPRO adopted as Luxottica Retail's standard for HVAC energy management

## Distributor:

Jackson Control Company  
1708 East 10th St.  
Indianapolis, IN 46201  
800-772-9859  
[www.jacksoncontrol.com](http://www.jacksoncontrol.com)

## Contractor:

Edwards Electrical & Mechanical  
2350 N. Shadeland Ave.  
Indianapolis, IN 46219  
317-714-4510  
[www.edwards-elec.com](http://www.edwards-elec.com)

## Implementing A Thermostat Plan

Honeywell's sales representative Roger Rebennack met with Dennis to show him the Commercial VisionPRO. In less than 15 minutes, Dennis was able to see the significant impact this exciting thermostat could make on his company's bottom line. While sitting at his desk using the thermostat's armchair programming feature, Dennis simulated each type of Luxottica store environment, from the smallest courtyard types to the larger, self-addressed buildings, including stores inside malls. He was able to develop a series of programming templates that could be shipped to store managers along with the thermostat. Seeing for himself how easy the Commercial VisionPRO is to program, he was confident the Commercial VisionPRO would work well for all parties involved with implementation and execution of the Luxottica HVAC energy management plan.

"We have specific retail environments," notes Dennis. "The Commercial VisionPRO allowed me to develop and implement an energy-saving plan for everyone in a very short time."

## Adaptable For Any Commercial Environment

Many of Commercial VisionPRO's features contributed to Luxottica Retail's return on investment, including:

- Night setback
- Programmable/selectable override
- Pre-purge for fresh air ventilation prior to occupancy
- Economizer lockout
- Accurate digital control
- Configurable Recovery Ramps that minimized run time

Thanks to the versatility of the Commercial VisionPRO, Dennis was able to write three simple program templates for store parameters for the retail area, lab area and the doctor's area. It was a logical concept that no one else in the industry could offer.

As contractor Larry Moore of Edwards Electrical & Mechanical adds, "We've installed hundreds of the Honeywell touchscreen thermostats and are pleased Luxottica Retail selected the Honeywell Commercial VisionPRO with its 5-year warranty. It was the right choice for comfort control and long-term energy savings."



*Two Excel 10™ Constant Volume Air Handling Unit Controllers (W7750C2001) provide cost-effective control of constant volume single-zone air handling units and heat pumps. Part of the Honeywell Light Commercial Building Solution™, CVAHU Controllers work with a LonWorks® communications bus or in standalone applications, providing reliable and affordable control.*

*Below the two Excel 10 CVAHU Controllers is an Excel 15™ Command Display (S7760A), an easy-to-use "window" to LensCrafter's building automation system. The Command Display gives operators complete, at-a-glance information and control.*

Savings results may vary.

## Light Commercial Building Solution™ (LCBS)

While the Commercial VisionPRO made a big impact by itself, the Luxottica location in Philadelphia posed a bigger challenge. Luxottica awarded Honeywell contracting partners projects to upgrade existing outdated building automated systems to DDC controls from the Honeywell LCBS family of products. In Philadelphia, Luxottica had a limited choice as to what HVAC system they could use. Some systems had required them to use the mall's contractor and connect to the existing mall's system. This did not allow Luxottica to shop in the open market place for the best value.

Honeywell coordinated free site evaluations by the Honeywell National Account energy validation team, who made recommendations for improvements to enhance comfort and improve energy savings. Luxottica appreciated having a choice of trained Honeywell contractors in every city and not being locked in to the mall's contractor. The result was the implementation of LCBS, a flexible building automation system that's less expensive to install and has a lower lifecycle operating cost than other systems.

## Results

Commercial VisionPRO's energy-saving features, such as scheduling, programmable fan and precise control, allowed Luxottica to reduce the run time of their equipment from 18 hours a day to 9 to 10 hours per day, equating to an estimated HVAC energy savings of up to 30% per day — all while maintaining customer and staff comfort.

Luxottica Retail has adopted the Commercial VisionPRO as their standard for HVAC management and plans to utilize LCBS automation systems as older, outdated proprietary systems get updated.

Along with the energy savings, Bob White of distributor Jackson Control Company is quick to point out that Honeywell support doesn't stop when the job is done. "Jackson Control Company will make every effort possible to continue to provide Luxottica Retail with quality Honeywell products and excellent customer support. We're here to meet their needs."

As Dennis sums it up, "Customer comfort is our top priority. Honeywell let us combine that with significant energy savings, and that's a win for everyone."

**Find out more**

For more information, please contact your Honeywell sales representative, call us at **1-800-345-6770, ext. 347** or visit us online at **customer.honeywell.com**.

**Honeywell Automation and Control Solutions**

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