

^eFFICIENTLY COOL: LIKE A BOLTED-ON BRAIN FOR COOLING SYSTEMS

THE CHALLENGE: HVAC equipment and other cooling systems use 40% or more of facility energy. Initiatives to reduce power consumption, costs and achieve net-zero goals require us to introduce innovative efficiency strategies.

THE SOLUTION: EDGE ^eFFICIENTLY COOL solutions pay for themselves in 6-18 months by reducing energy, cost and prolonging equipment life. EDGE ^eFFICIENTLY COOL intelligently manages cooling systems such as HVAC, convenience and walk-in coolers and freezers.

MOST COOLING SYSTEMS CAN NOT SELF-MANAGE FOR OPTIMAL ENERGY EFFICIENCY: UNTIL NOW



IntelliHVAC – an intelligent and effective way to reduce energy consumption in HVAC systems. It uses a combination of post purge and compressor cycle technologies and works in both heating and cooling modes.

- **Guaranteed to Reduce Energy Costs 10 – 30%**
- **Reduces Compressor Cycles by 20%**
- **Prevents Wear and Tear Extends Life of Equipment**
- **12-Month ROI**
- **Reduced CO2 Emissions**
- **Lifetime Warranty**
- **No Impact on HVAC Warranty**



IntelliHVAC retrofits to most central air HVAC systems. It applies a variable post-purge fan control and compressor cycle functions that work together to efficiently control the system. IntelliHVAC operates in both heating and cooling modes and delivers energy savings ranging 10-30% depending on the season. In addition to energy savings, compressor cycles are also reduced, which translates into maintenance cost savings and longer equipment life.

intelliPTAC



IntelliPTAC was developed as an extension of the IntelliHVAC for PTAC systems. Packaged Terminal Air Conditioners (PTAC) and Packaged Terminal Heat Pumps (PTHP) installed across the country outnumber all other HVAC systems combined. They are commonly found in hotels, motels, apartments, condos, schools, medical facilities and offices nationwide.

- **Guaranteed to Reduce Energy Costs 10-15%**
- **Reduces Compressor Cycles by 15% reducing Wear and Tear**
- **Extends Life of Equipment**
- **18-Month ROI**
- **No Impact on HVAC Warranty**



Contact:

info@edgbsmart.com
(646) 257-1500 x110

5004 4th Avenue
Brooklyn, NY 11220

EDGE Building Intelligence
<https://www.edgbsmart.com/>



ASHDC Anti-Sweat Heater Controls reduce energy by up to 80% by modulating the Anti-Sweat Heaters with sensor-based technology so that they only operate when needed. Realize dramatic energy savings in your reach-in refrigeration systems. The built-in programmed maintenance cycle (PMC) technology assures that all display cases remain sweat, frost and ice free.

- **Guaranteed to Reduce Energy Costs Up to 80%**
- **Display Cases Remain Sweat, Frost and Ice Free**
- **Installation is Simple with No Impact on System Warranty**
- **12-Month ROI**
- **Prescriptive Rebates Available in Most Areas**
- **Components Exceed UL Standards**
- **3-year warranty**

Maximize the energy efficiency of your glass display doors with ASHDC-LT/ ASHDC-MT Anti-Sweat Heater Door Control System. ASHDC operates door heaters independently from frame and [mullion heaters](#). ASHDC is easily installed in your existing cases and walk-ins, with no additional wiring necessary. Precise placement of the moisture sensors offers maximum savings while assuring proper heater control.



EnerG2 reduces energy consumption and compressor cycles in walk-in coolers and freezers by providing a more accurate means of temperature measurement through a specialized gel compound that simulates the food product temperature instead of the air temperature which fluctuates with more volatility. It retrofits to the existing thermostat air probe and requires no additional maintenance.

- **Guaranteed to Reduce Energy Costs 15 – 30%**
- **Reduces Compressor Cycles by 40 – 60% Extends Life of Equipment**
- **12-Month ROI**
- **Reduced CO2 Emissions – Go Green!**
- **Lifetime Warranty**



INTELLIGENT ENERGY MANAGEMENT – EDGE'S EMS is one of the most sophisticated energy management systems while also being inexpensive and easy to use. The EMS puts the control of your energy consumption and building operations in one view. It eliminates unauthorized adjustments to HVAC, refrigeration, lighting or kitchen ventilation settings and becomes your fulltime watch guard and ensures optimal building operation and efficiency.

- **Reduce Energy by 25%**
- **Easy-to-Use Web Based Interface**
- **Control and Reduce Maintenance**
- **Verify Service Work**
- **Track Success**
- **Pre-Seasonal Transition Diagnostic**



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NOTABLE DEPLOYMENTS

60 Locations
McDonalds Franchise



Total Combined Annual Savings: \$284,689
Total Projected 10 Year Savings: \$2,846,890
ROI: 8.4 Months

Nouria



Total Combined Annual Savings: \$103,418
Total Projected 10 Year Savings: \$1,034,180
ROI: 11.4 Months

120 Locations
Subway Franchise



Total Combined Annual Savings: \$240,055
Total Projected 10 Year Savings: \$2,400,550
ROI: 14.9 Months

American School For The Deaf



Total Combined Annual Savings: \$39,071
Total Projected 10 Year Savings: \$390,710
ROI: 7.2 Months

Rochester General Hospital



Total Combined Annual Savings: \$15,475
Total Projected 10 Year Savings: \$154,750
ROI: 12.8 Months

Best Western Plus



Total Combined Annual Savings: \$122,508
Total Projected 10 Year Savings: \$1,225,080
ROI: 14.8 Months

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Burger King



Total Combined Annual Savings: \$74,564
Total Projected 10 Year Savings: \$745,640
ROI: 11.4 Months

O2 Fitness



Total Combined Annual Savings: \$189,766
Total Projected 10 Year Savings: \$1,897,660
ROI: 14.5 Months

Dunkin Donuts



Total Combined Annual Savings: \$137,560
Total Projected 10 Year Savings: \$1,375,600
ROI: 12.9 Months

Multi State C-Store Chain



Total Combined Annual Savings: \$1,592,550
Total Projected 10 Year Savings: \$15,925,500
ROI: 16.8 Months

Hilton



Total Combined Annual Savings: \$42,471
Total Projected 10 Year Savings: \$424,710
ROI: 15.5 Months

Spinx



Total Combined Annual Savings: \$457,752
Total Projected 10 Year Savings: \$4,577,520
ROI: 15.8 Months

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