Air Conditioning

Electrical Economizers

AC

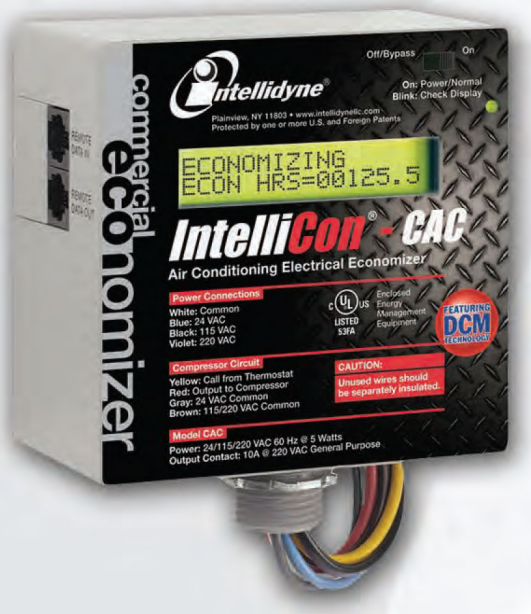
Residential Air Conditioning System Electrical Economizer

For packaged or split AC systems with compressors rated between 1.5 and 4 tons.

CAC

Commercial Air Conditioning System Electrical Economizer

For commercial AC systems with compressors rated above 4 tons.



ENERGY STAR PARTNER

Features

- Dynamic Cycle Management® (DCM) technology is guaranteed to reduce electricity consumption by at least 10%.
- UL listed, “Energy Management Equipment”.
- Increased savings without replacing or upgrading costly system components.
- LED indicators show operating modes.
- Protects compressor against momentary power outages and short cycling.
- Simple 45-minute installation by a qualified installer.
- No programming or follow-up visits required.
- Maximum year-round efficiency.
- Reduces maintenance and extends compressor life.
- Fail-safe operation.
- Guaranteed to save energy.
- 15-year replacement warranty for breakdowns or defects.

INTELLIDYNE LLC

5507 Nesconset HWY, STE 10, PMB 148
Mount Sinai, NY 11766 USA

www.intellidyne.green

Intellidyne®
The Power To Save

Air Conditioning

Electrical Economizers

Specifications

Mounting:
In any position via molded 1/2" electrical fitting or wall mounted (additional hardware may be needed)
Size:
4"H x 4"W x 2 1/2"D
Operating Humidity:
5% - 95% Non-Condensing
Operating Temperature Range:
-10 Fahrenheit - +120
Power Input:
24/115/220 VAC @ 5W
Control Circuit:
24 VAC/DC, 115/220 VAC
Relay Contact:
10A @ 220 VAC General Purpose
UL, cUL, and CE listed
Made in U.S.A.

Intellidyne uses Dynamic Cycle Management® (DCM) technology to determine the cooling demand and thermal characteristics of the entire air conditioning system by analyzing the compressor's cycle pattern and dynamically modifying that cycle to provide the required cooling in the most efficient manner. This is accomplished in real-time by delaying the start of the next compressor "on" cycle determined by the cooling demand analysis. These new cycle patterns are less frequent and more efficient. This electrically augments the existing controls and will not cause the compressor to run unless the existing thermostat calls for it, improving the electrical efficiency of air conditioning systems by supplementing the antiquated on/off action of the thermostat (even a "smart" one) with the cycle analysis and control capabilities of a microprocessor.

Field-testing has demonstrated that this "intelligent modification of compressor cycling" with DCM technology leads to significant electrical energy savings; not only on properly sized and operating systems, but also on oversized units and those not properly maintained.

Intellidyne AC and *CAC* work in conjunction with the existing thermostat and will not void the compressor manufacturer's warranty. The controls also help prevent the compressor from short cycling.

No maintenance is needed when the control is installed by a qualified HVAC/R technician.

Economical Efficient Ecological Easy

INTELLIDYNE LLC

5507 Nesconset HWY, STE 10, PMB 148
Mount Sinai, NY 11766 USA

www.intellidyne.green