



Intellidyne®
The Power To Save

Heating Economizers

for Steam Boilers

CHS WiFi Option Available

Commercial Steam Heating System Fuel Economizer

For commercial systems with ratings above 1.0 million BTU / hour.
WiFi enabled option for easier programming and remote data access.



*Dashboard available for WiFi enabled CHS only

Features

- Dynamic Cycle Management® (DCM) technology is guaranteed to reduce fuel consumption by at least 10%.
- Saves energy without replacing or upgrading costly system components and without voiding manufacturers' warranties.
- The illuminated LCD and Intellidash* display shows consumption savings, operating modes, and system diagnostics.
- Can be used in both high pressure and low pressure systems (sensors are sold separately).
- Can be used in conjunction with outdoor air temperature reset controls.
- Reduces maintenance and extends service life.
- Installation by a qualified installer.
- Saves energy without sacrificing comfort.
- Fail-safe operation requires no annual maintenance or follow-up visits.
- UL listed, "Energy Management Equipment".
- CE Compliant
- Short payback period of less than 24 months
- 15-year domestic limited manufacturer's warranty for breakdowns or defects.
- 5 year international manufacturer's warranty





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Specifications

Mounting:

In any position via molded 1/2" electrical fitting or wall mounted (additional hardware may be needed)

Size:

7 1/2"H x 9 1/2"W x 4"D (CHS)

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.

A heating system must be able to provide acceptable comfort at the lowest anticipated outdoor temperature. Most boilers have a heat capacity 1.5 to 2 times larger than needed to maintain space temperature on extreme days. Due to this oversizing, the burner will cycle on and off to prevent overheating of the system water during any call for heat.

Using our patented technology, *Intellidyne Steam System Economizers* increase system efficiency by using less fuel to generate the same amount of heat. This is done by dynamically changing the pressure-controller's effective dead-band based on the measured heating load. By extending the burner's off-time, the average steam pressure is varied, resulting in longer, more efficient burns and a reduction in burner cycling.

Intellidyne Steam System Economizers improve the fuel utilization of heating systems by supplementing the antiquated on/off control action of the pressure-controller with the analysis and control capabilities of a microprocessor.

The LCD screen displays helpful information including the unit's status, steam pressure, and domestic hot-water temperature, which can be used for system diagnostics and maintenance.

Intellidyne Steam System Economizers reduce fuel consumption by at least 10% and burner cycling by 30% or more. Installation is easily done by a qualified service technician and requires no follow-up maintenance.



Economical



Efficient



Ecological



Easy

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