



The *Intellidyne RU* will reduce electric consumption by 10% when installed on commercial refrigeration and freezer systems. *Intellidyne RU* is easily installed by a qualified installer, maintenance free, and guaranteed to save energy.



Features

- Dynamic Cycle Management[®] (DCM) technology is guaranteed to reduce electricity consumption by at least 10%.
- UL listed, “Energy Management Equipment”.
- Increases savings without replacing or upgrading costly system components.
- LED indicators show operating modes.
- Protects compressor against momentary power outages and short cycling.
- Easy 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.
- 15-year replacement warranty for breakdowns or defects.

Specifications

Mounting:
In any position via molded 1/2"
electrical fitting

Size:
4" H x 4" W x 2 1/2" D

Operating Humidity:
5% - 95% Non-Condensing

Operating Temperature Range:
-10°F - +120°F

Power Input:
24/115/220 VAC @ 5W

Control Circuit:
24 VAC/DC, 115/220 VAC

Relay Contact:
10A @ 220VAC General Purpose
UL Listed,
"Energy Management Equipment"
Made in U.S.A.

The *Intellidyne RU* is a microprocessorbased, UL listed, electronic control that automatically adjusts the compressor cycles to achieve the greatest efficiency and reduced electrical usage.

The sizing of refrigeration systems is based on a number of factors. When any design considerations are not met, the refrigeration system is oversized for the load and thus less efficient. Intellidyne's patented process analyzes the demands and thermal characteristics of the entire refrigeration system to dynamically modify the compressor cycle pattern. These new patterns result in less frequent and more efficient compressor cycles.

The *Intellidyne RU* improves the electrical efficiency of refrigeration systems by supplementing the antiquated on/off action of the thermostat or pressuretrol with the analysis and control capabilities of a computer.

Intellidyne's patented process uses Dynamic Cycle Management[®] (DCM) technology to produce electrical energy savings. Our innovative and intelligent algorithms have field proven electrical savings on systems that were properly sized and operating, but also on units that were undersized, and those that had not been properly maintained.

The *Intellidyne RU* works in conjunction with the existing temperature controls, will not void the compressor manufacturer's warranty, and has anti-short-cycling.

Installation by a qualified service technician takes about 45 minutes. The *Intellidyne RU* does not require any programming, adjustments or maintenance.



Economical



Efficient



Ecological



Easy

© 2014 Intellidyne LLC, all rights reserved.