

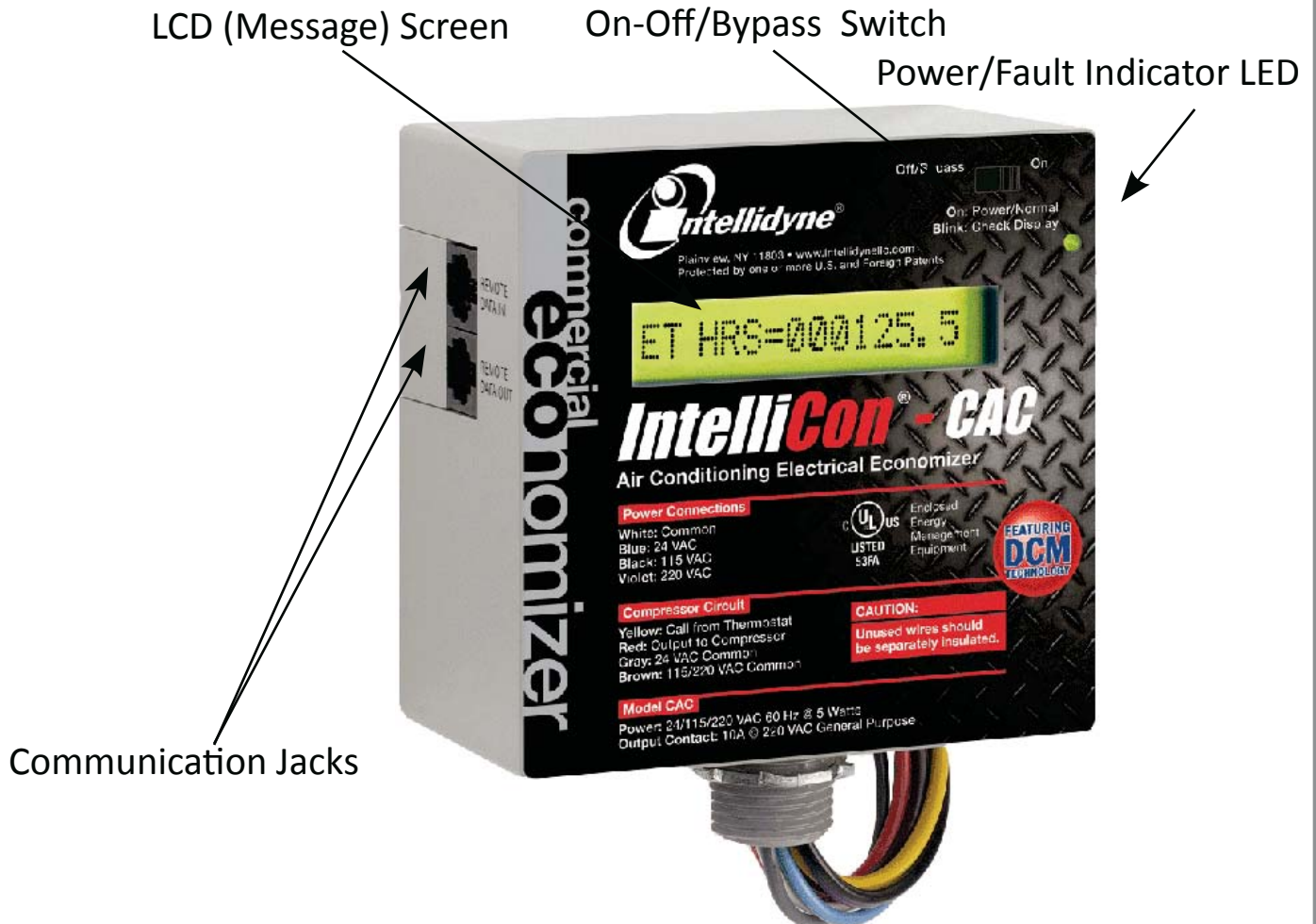


Model CAC Cooling

Operation

After installation, setting the power switch to “ON” activates the control. The LCD display will indicate the various operating modes. The *IntelliCon*[®] -CAC reduces electric consumption and lowers compressor run time by actively managing the compressor cycling pattern in conjunction with the existing compressor controls. When the compressor is called to run, the *IntelliCon*[®] determines how much it can delay the start based on prior cycling patterns. This results in less on/off cycles per day, more efficiency, and less electric consumption. The CAC also has anti-short cycling protection to eliminate instantaneous compressor “off/on”.

Note: The *IntelliCon*[®] -CAC does not stop and start the supply fan. The supply fan will continue to function as it normally did before installation of the *IntelliCon*[®] -CAC.



Display Messages & Meanings

STANDBY MODE

The central air conditioning unit's thermostat is satisfied after cooling the space to the desired temperature. The control is waiting for the next call to start from the thermostat.

STANDBY / ASC

The call from the thermostat is satisfied and the anti-short cycle timer (default=2 min.) is still active. After the timer expires the message will return to STANDBY.

ECONOMIZING

The central air conditioning's thermostat requested the compressor to start, but the control delays the start based on information from the previous cycle.

ECONOMIZE / ASC

The call from the thermostat is sensed before the anti-short -cycle timer expires. After the timer expires, the message will return to ECONOMIZING.

COMPRESSOR ON

The compressor is running.

COMP / MAX ECON

The maximum economizer hold off time was met and the compressor is released to run.

A SAVE: XXXX.X

The average savings the control achieved since it was installed.

Note: This message will indicate N/A until there is sufficient data to perform the calculations.

ET HRS: XXXXX.X

Total accumulated economizing time.

RT HRS: XXXXX.X

Total accumulated run time.

ST HRS: XXXXX.X

Total accumulated standby time.

Troubleshooting

After installation and checkout, the controller does not require maintenance. If your system is not running, locate the recessed switch on the front of the *IntelliCon*®. Slide this switch to the left to “OFF/BYPASS”. The LCD screen will go blank meaning the *IntelliCon*® is no longer in the control circuit. If your air conditioning system does not start then, there is a problem with the compressor or other system components and you should call your service company.

If it does start, leave it in “OFF/BYPASS” and call your installer.