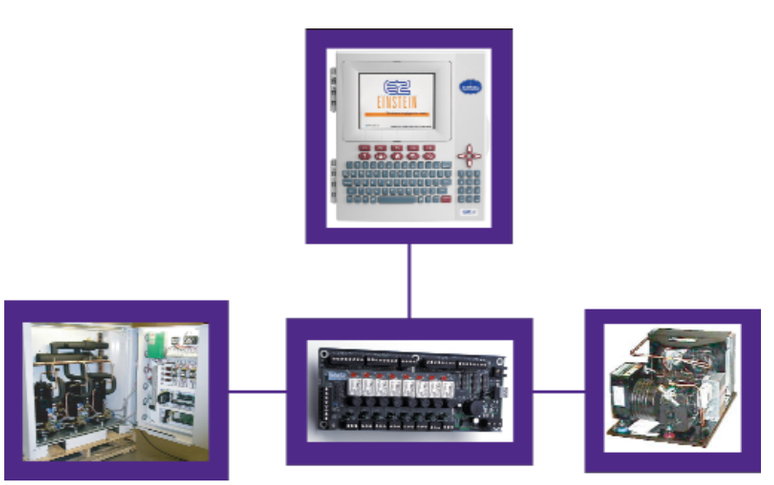
MultiFlex PAK Controller

Flexibility that Saves You Time, Space, and Money

The MultiFlex PAK Controller provides a wide variety of input, output, and smart control solutions, all of which are based on CPC's universal MultiFlex platform. The new PAK Controller platform combines inputs and outputs saving you time and space when both are at a premium. Traditional control schemes required you to mount separate input and output boards within an enclosure, increasing the time and cost to mount the boards. The MultiFlex PAK can be mounted using either standoffs or “snap track”.

Superior Condenser Control for Optimum Efficiency

The MultiFlex PAK Controller uses Temperature Differential (TD) control to insure that the condenser is operating it's fans at optimum efficiency. The MultiFlex PAK controller monitors ambient temperature and allows floating head pressure control based upon the condenser's design TD. This setpoint modulation insures that a fan is never turned on if the ambient conditions will not support additional performance from the condenser. The result is enhanced energy savings and performance for you!



Benefits

- **Preventative Maintenance Algorithms Identify Potential Maintenance Issues *Before* They Occur**
- **TD Condenser Control for Optimum Performance**
- **Flexible Input and Output Configuration for Unmatched Versatility**
- **Stand Alone Control for Superior Reliability**
- **Backwards Compatibility With Any E2 or Einstein Control System**
- **Well Suited for Remodels & Retrofits**
- **UL & CE Approved**

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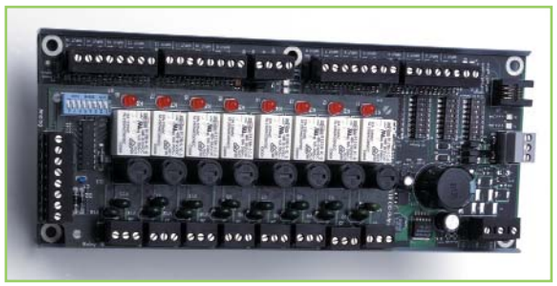
Preventative Maintenance Algorithms

The MultiFlex PAK has numerous predictive maintenance algorithms included to help prevent critical equipment failure and assist you in scheduling equipment maintenance. These algorithms use sensor data available from existing refrigeration system controllers to analyze the performance of compressors and the condenser unit. There are numerous algorithms that monitor the operational efficiency of compressors to insure optimal operation. Other algorithms specialize in detection of dirt buildup on condenser coils, fan failures, refrigerant loss, and potential flood-back conditions. When a potential maintenance issue is detected, each algorithm generates either a Notice, Warning, or Alarms depending on the severity of the issue. Like the other algorithms you've come to depend on, all data can be logged at the controller and retrieved for analysis at a later date. These algorithms can help identify some of the most common maintenance issues before they cost you unnecessary downtime, money, and headaches!



MultiFlex PAK

Advanced Capabilities

The new MultiFlex is ideal for use in remote applications. Using one of CPC's standard Hand-Held Terminals (HHT), you can locally view input values such as temperature and pressure, network addresses for each controller on the communications network or initiate temporary override of relay and analog outputs.

Compatability

As the number of installed CPC control systems continues to rise, so does the requirement for backward compatibility. That is why CPC designed the MultiFlex PAK Controller for use with E2 and Einstien controllers. The boards operate on the RS485 network without any hardware or firmware upgrades on any of the configurations.

CPC COMPUTER PROCESS CONTROLS

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