

KLLC100 LEAD-LAG CONTROLLER

In response to strong customer interest and an increasing number of cooling applications requiring multiple air conditioners on a single cabinet, Kooltronic has developed the KLLC100 Lead-Lag Controller, an option for use with all Kooltronic air conditioners equipped with a 24V relay and external connection (option "D").

This true dual-stage device allows users to control the operation of up to two air conditioners based on either temperature or run-time. For users with fluctuating heat loads, the Lead-Lag Controller will bring the second air conditioner on-line as the heat load increases, and shuts it down as the demand for additional cooling diminishes. It can also be used to distribute the run-time over multiple units, balancing the service life of the air conditioners.

Applications using more than one air conditioner on a cabinet, either for extreme heat load or as a redundant system are becoming more prevalent. Adding a Lead-Lag Controller is an effective solution for users who need to maintain a critical cabinet temperature without interruption or failure.

The Controller features an LED display to indicate which air conditioner is on the run cycle and whether a unit is in the cooling or heating mode, if so equipped. There is also an easy-to-read display panel that provides options to tailor the control of the air conditioners to suit any application. Other standard features include a built-in thermostat with adjustable set-point, deadband and sequencer and a universal mounting plate for simple installation within the cabinet. The Lead-Lag Controller can also be used with Kooltronic's line of Heat Exchangers.

With over 50 years of service to its customers, Kooltronic is the leading manufacturer of air conditioners, heat exchangers, fans and blowers designed specifically to cool the interior of enclosures containing heat sensitive electrical/electronic components. The company has a complete manufacturing facility and sales office at its headquarters in Pennington, NJ and a regional sales office in Ventura, CA.

