

# The AC-Enhancer™

Enhances the Efficiency and Dehumidification Capacity of Virtually Any Central Air Conditioning System.

## Dip Switch Settings:

The time delay dip switches on The AC-Enhancer™ should be set as follows:

### Delay #1:

Range 15 to 35 seconds. For most cases 25 is ideal, setting two switches on and two switches off. The minimum setting with all switches in the ON position is 15 seconds. Each switch set to the OFF position will add 5 seconds to the time.

### Delay #2:

Range 30 to 150 seconds. For most cases 60 is ideal, three switches on and one switch off. The minimum setting with all switches in the ON position is 30 seconds. Each switch set to the OFF position will add 30 seconds to the time.

## Changes to Standard Settings:

- **For 2-Stage or 2-Speed systems** Time Delay #1 should be set to the Maximum Time of 35 Seconds. That is all 4 dip switches set to the OFF Position. This is to allow extra time for the first stage of cooling to cool the evaporator coil down. Time Delay #2 should be set to either 90 or 120 seconds. That is either 2 or 3 dip switches in the off position.
- **For Systems with Long Line Sets.** Time Delay #1 should be set to 30 Seconds (3 Dip Switches turned OFF) and Time Delay #2 should be set to 90 Seconds (2 Dip Switches turned OFF).
- **For Older Systems with Slightly Restricted Evaporator Coils.** Time Delay #1 should be set to 15 or 20 Seconds (0 or 1 Dip switch turned to OFF). And Time Delay #2 should be set to 30 to 60 Seconds (0 or 1 Dip Switch turned to OFF). These settings are to keep the evaporator coil from getting too cold when the system starts.
- **Heat Pump Systems.** Time Delay #2 should not be set for more than 60 seconds (No more than 1 dip switch set to OFF), this is to prevent the coil from getting too hot with the reduced airflow in the heating mode and causing a High Pressure switch trip.