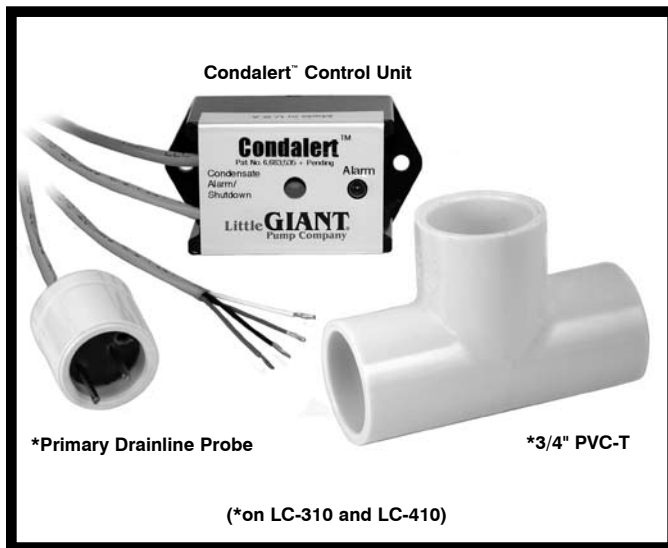


# Little GIANT<sup>®</sup>

## CONDALERT<sup>™</sup> CONDENSATE OVERFLOW DETECTION FOR SECONDARY DRAIN PAN WITH OPTIONAL PRIMARY CONDENSATE DRAIN SYSTEMS VISUAL LED INDICATOR AND CONTROLLED SHUTDOWN WITH OPTIONAL AUDIBLE ALARM



### Features

- Thin film water detection — less than 1/16" of water required to activate
- Simple 3-wire installation, with fourth wire for optional remote alarm
- Low voltage 24 VAC powered by Class 2 circuit
- Solid state detection — reliably detects condensate water
- Relay switching — switches up to 1 amp, 24 VAC
- Stainless steel probes
- 10' lead cable
- Audible buzzer is 103dB at 2'
- All models include red LED indicator

| Model  | Item No. | Application                              | Includes   | Features  |
|--------|----------|--|--|---|
| LC-110 | 599500   | Secondary Drain Pan                      | • Condalert Control Unit   | 1. Control Shutdown<br>2. Audible Buzzer<br>3. Visual Red LED Indicator |
| LC-210 | 599501   | Secondary Drain Pan                      | • Condalert Control Unit   | 1. Control Shutdown<br>2. Visual Red LED Indicator                      |
| LC-310 | 599502   | Primary Drain Line & Secondary Drain Pan | • Condalert Control Unit<br>• Primary Drain Line Probe<br>• 3/4" PVC Tee Fitting | 1. Control Shutdown<br>2. Audible Buzzer<br>3. Visual Red LED Indicator |
| LC-410 | 599503   | Primary Drain Line & Secondary Drain Pan | • Condalert Control Unit<br>• Primary Drain Line Probe<br>• 3/4" PVC Tee Fitting | 1. Control Shutdown<br>2. Visual Red LED Indicator                      |

Little Giant's new Condalert™ units are designed for the air handling industry to provide low-cost, reliable equipment shutdown when water leaks or potential condensate drain overflow conditions are detected; shutting off the system, preventing expensive damage and clean-up costs. Condalert™ units consist of a solid-state water detection circuit combined with a mechanical relay switch, which eliminates false alarms and provides reliable equipment shutdown. More than one unit may be installed on a troublesome unit to provide complete protection.

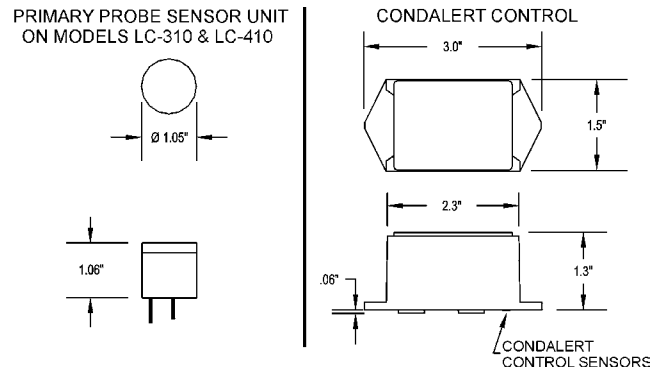
# CONDALERT™ CONDENSATE OVERFLOW DETECTION

FOR SECONDARY DRAIN PAN WITH OPTIONAL PRIMARY CONDENSATE DRAIN SYSTEMS

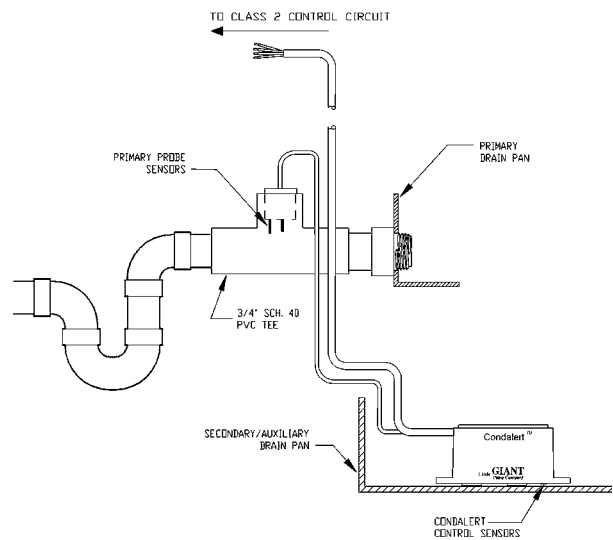
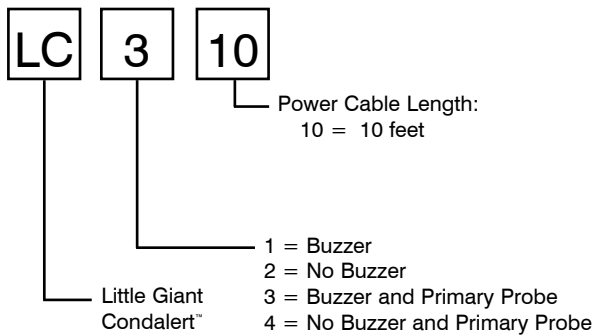
VISUAL LED INDICATOR AND CONTROLLED SHUTDOWN WITH OPTIONAL AUDIBLE ALARM

## Specifications

Voltage: 24 VAC (Class 2 circuit)  
 Operating Current: 49 mA (alarm condition with buzzer)  
 30 mA (alarm condition without buzzer)  
 Switching Current: 1 Amp, 24 VAC  
 Probes: Stainless steel  
 Housing: ABS plastic



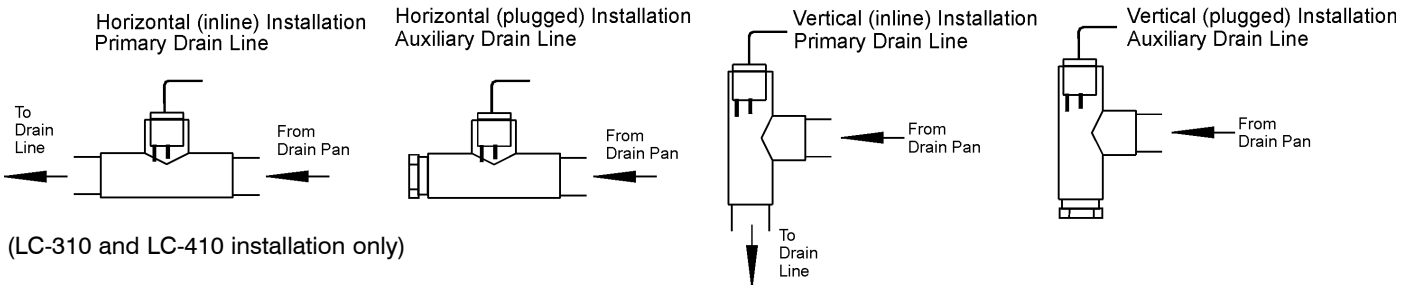
## Model Numbering System



## Description of Operation and Typical Installations

The Condalert™ is designed to detect drain pan overflow water and drain line backup in both the primary drain lines and secondary pans and to shut down the condensing unit so the cooling coil will not produce additional condensate water. When the Condalert™ detects water in either the clogged primary lines or secondary pan, the Condalert™ will activate its red LED and buzzer (only on models with buzzer), and at the same time shuts down the condensing unit to prevent condensate water accumulations. When the alarm condition is resolved and probes are dried, the Condalert™ will automatically reset the system to normal operation.

### PRIMARY PROBE TYPICAL INSTALLATIONS



(LC-310 and LC-410 installation only)

**LittleGIANT®**  
 PO Box 12010 • Oklahoma City, OK 73157  
 Phone: 800.701.7894 • Fax: 800.701.8046  
 E-mail: customerservice@littlegiant.com