

## LLCi probe type system

Marley LLCi water level controls provide a state of the art system to control and monitor the water level in your cooling tower collection basin. Relays operating in conjunction with suspended stainless-steel electrode probes, monitor basin water levels, providing simple solenoid-valve water makeup or discrete on/off signals to more sophisticated automation controls. Optional configurations include makeup along with high and low water level alarm and cutoff, or pump cutoff. Packaged systems including any of these variations are available.



Typical E-3 Probe System



Electrode Probe installed in a Marley NC<sup>®</sup> cooling tower

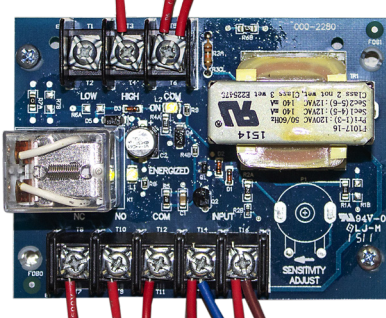
The electrode probe tips are 303 stainless steel suspended from a noncorrosive PVC enclosure box with 30 feet of wire lead for each probe. A galvanized or stainless steel metal stilling chamber is installed over the probes to calm the water for accurate readings. Makeup water solenoid valves are also available.

A complete system includes relay circuit cards, hanging probe system with stilling chamber and solenoid valve for water makeup.

PROBE



RELAY



ALARM AND CUTOFF



MAKEUP VALVE

Electrical Components

- HAND-OFF-AUTO selector switch for manual fill control when makeup card is used
- Output contact for makeup card is internally powered with 120 VAC for use by customer
- User terminal points for connecting field devices e.g. solenoid, water level probes and alarm devices
- Wiring diagram and user manual
- Built to UL and CUL standards
- Level cards as required for following conditions:
 

Make up	High alarm
Low alarm	High level cutout
Low level cut out	

SPX COOLING TECHNOLOGIES, INC.

7401 WEST 129 STREET  
OVERLAND PARK, KS 66213 USA  
913 664 7400 | spxcooling@spx.com  
spxcooling.com

TECH-LLCi-18 | ISSUED 9/2018  
© 2018 SPX COOLING TECHNOLOGIES, INC | ALL RIGHTS RESERVED  
In the interest of technological progress, all products are subject to design and/or material change without notice.

