

# Falling Film Chiller Water Level Control

## WATER LEVEL ADJUSTMENT INSTRUCTIONS

**Part No. 8826498**

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**MUELLER**





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## Section 1.0 – General Information

### 1.1 INTRODUCTION

Mueller® falling film chillers are equipped with a water level control device with proven reliability and more accurate water levels than previous models. This instructional manual provides information on water level adjustments. Please contact Paul Mueller Company for additional technical assistance.

**Paul Mueller Company**

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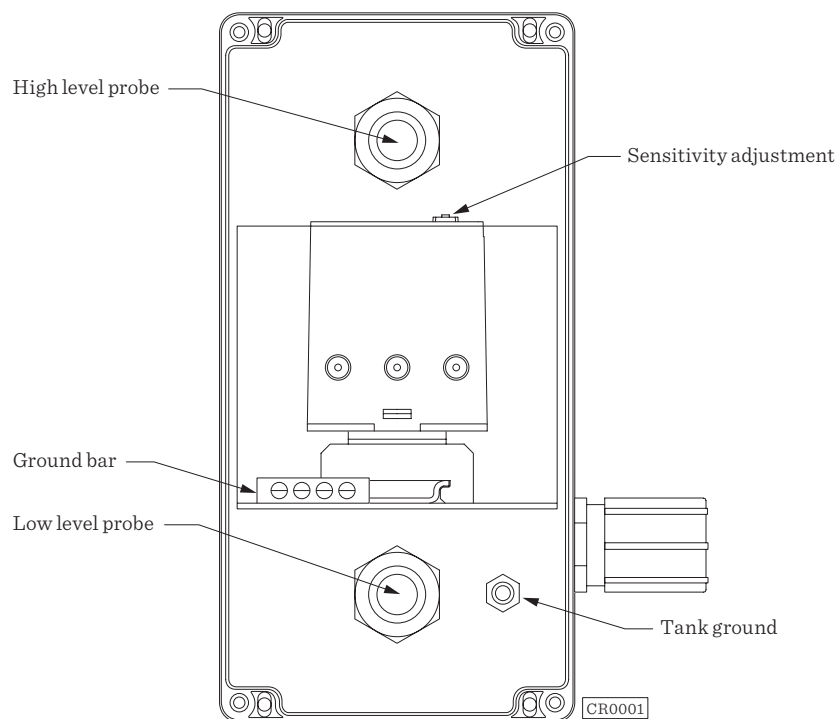
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### 1.2 WATER LEVEL CONTROL GENERAL INFORMATION

Mueller water level controllers consist of high- and low-sensing probes that control the water valve. By continuity through the chilled solution, the probes send an output to the control module, located in the enclosure mounted on the back of the falling film chiller. The module then sends a 24-VAC signal out to the water valve.

**FIGURE 1: WATER LEVEL CONTROLLER**

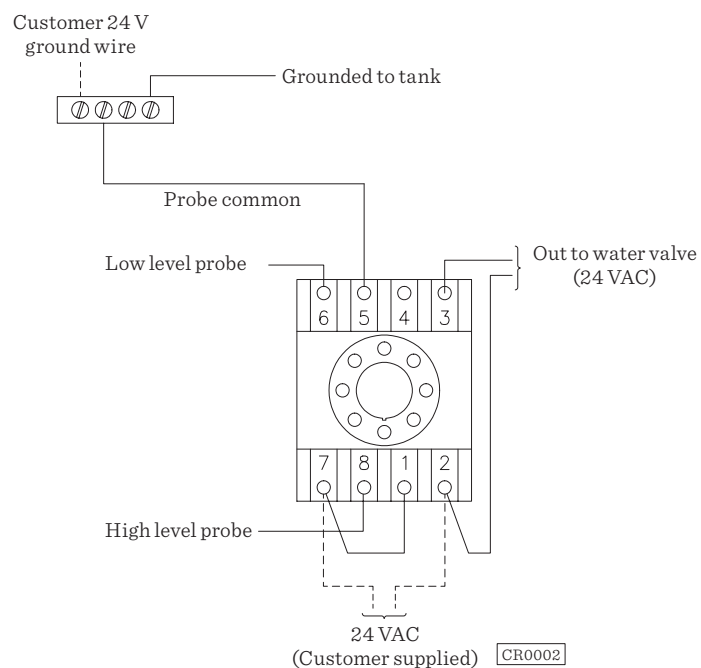


## Section 2.0 – Electrical Connections

### 2.1 WATER LEVEL CONTROL ELECTRICAL CONNECTIONS

The electrical connections to the controller are depicted in the figure below.

**FIGURE 2: WATER LEVEL CONTROL ELECTRICAL CONNECTIONS**

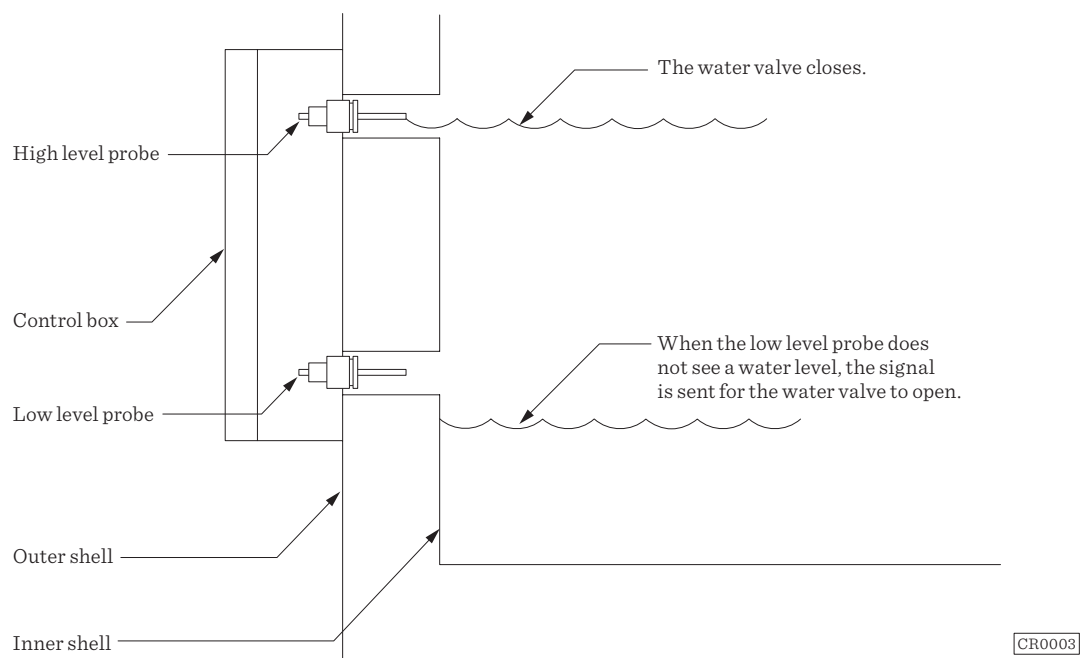


## Section 3.0 – Installation

### 3.1 WATER LEVEL CONTROL TANK INSTALLATION

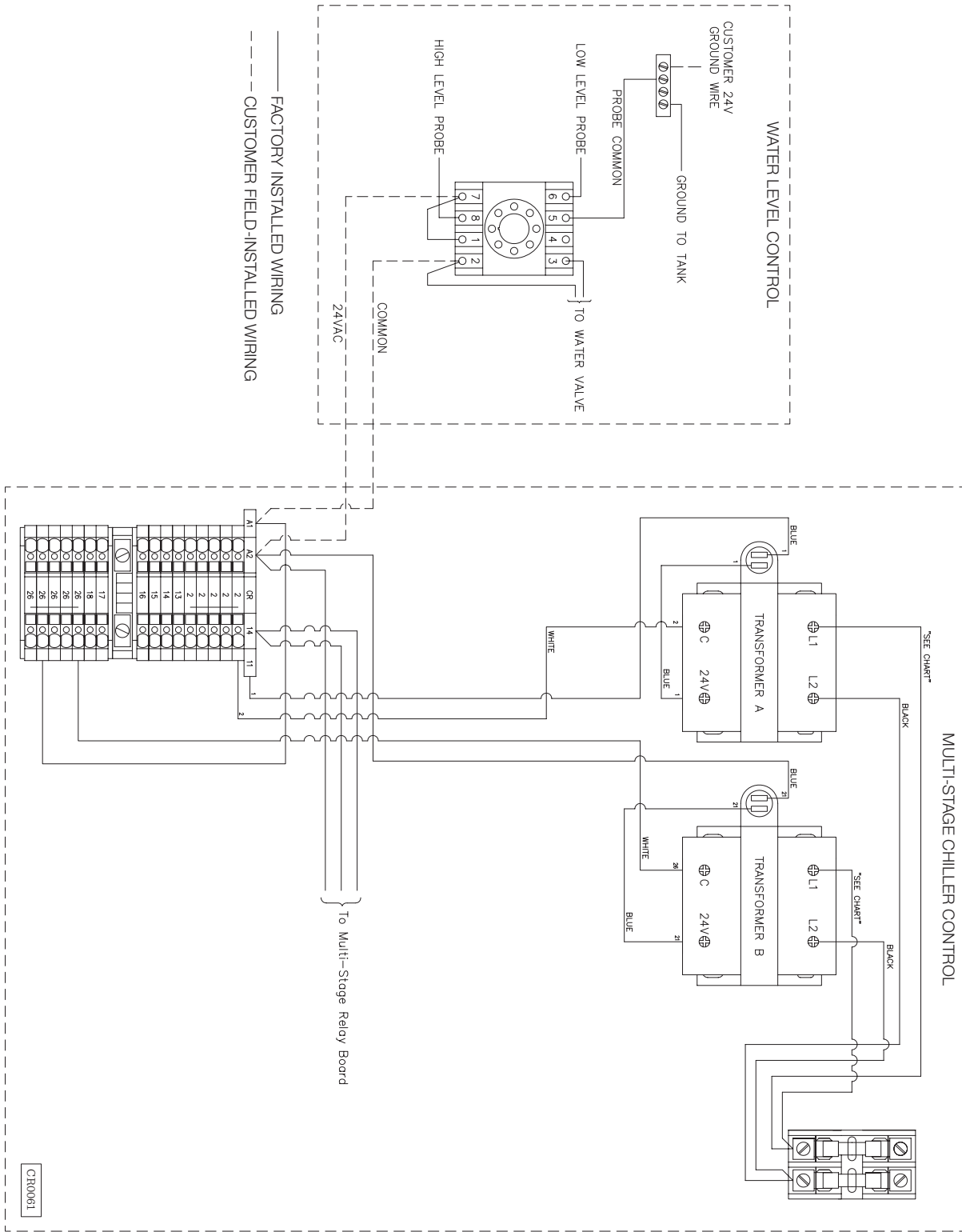
The tank installation of the probes and the control box are described in Figure 3 below.

**FIGURE 3: WATER LEVEL CONTROL TANK INSTALLATION**



# Section 4.0 – Wiring Schematic

## 4.1 MULTI-STAGE CHILLER CONTROL WIRING SCHEMATIC







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