

FALLING FILM CHILLER WATER LEVEL CONTROL

Water Level Adjustment Instructions

Part No. 8826498

Effective January 15, 2010

Revised August 10, 2015

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REFRIGERATION PRODUCTS

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FALLING FILM CHILLER WATER LEVEL CONTROL Water Level Adjustment Instructions

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SECTION 1.0 – GENERAL INFORMATION

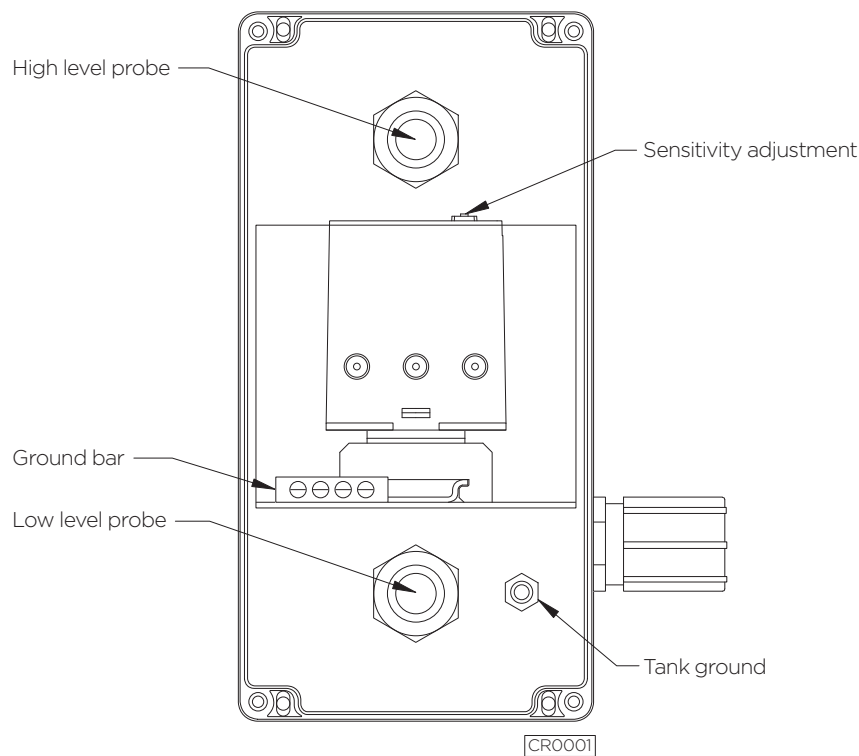
1.1 Introduction

We are pleased to announce that a modification has been made to the Mueller® falling film chiller water level control. These chillers are now equipped with a new style water level control device. The new liquid level control has proven greater reliability and more accurate water levels.

1.2 Water Level Control General Information

The Mueller water level controller is made up of a high- and low-sensing probe that controls the water valve. By continuity, made through the chilled solution, the probes send an output to the control module located in the enclosure mounted on the back of the chiller. The module then sends a 24-vac signal out to the water valve.

Figure 1: Water Level Controller

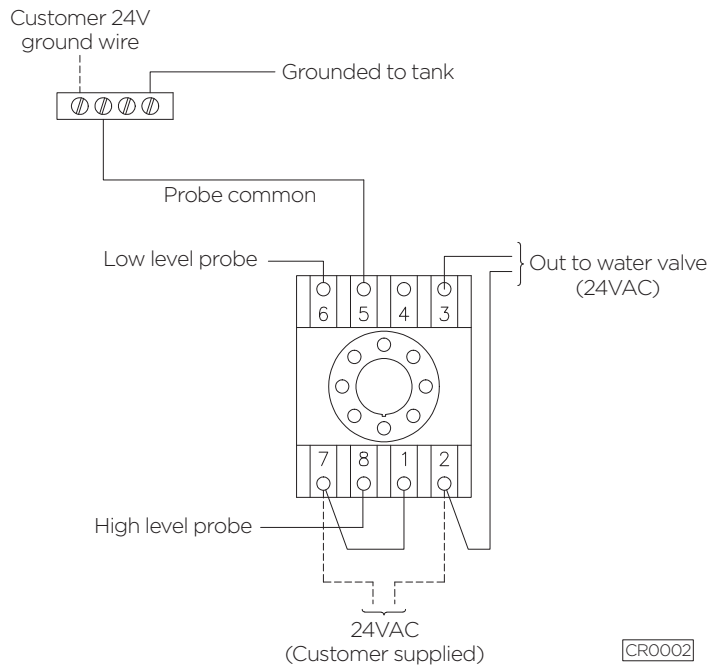


SECTION 2.0 - ELECTRICAL CONNECTIONS

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

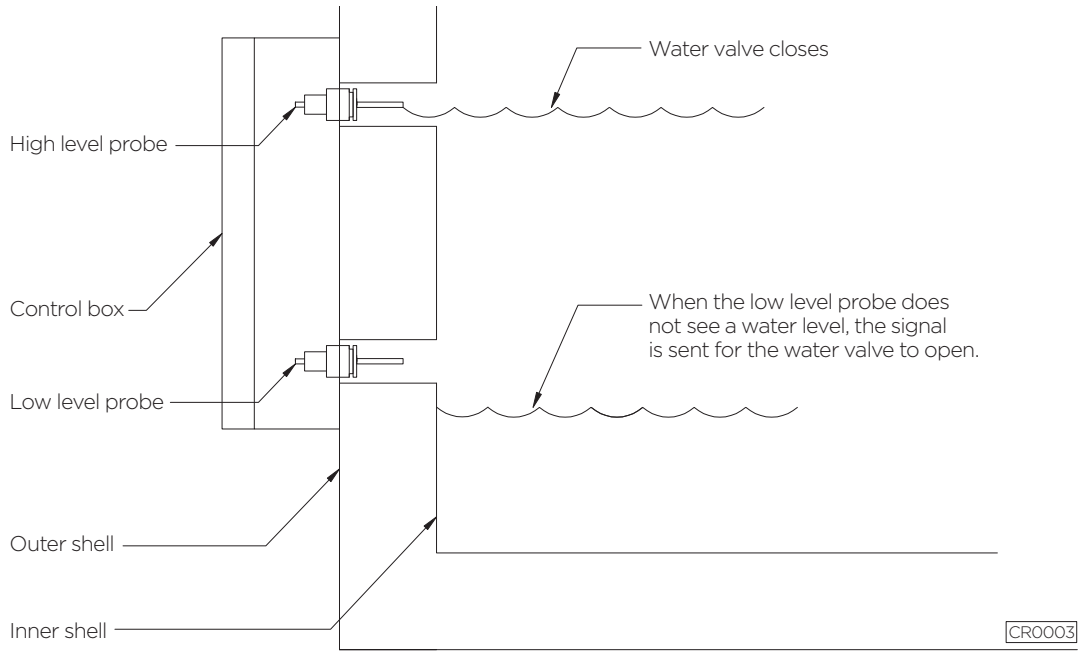


SECTION 3.0 - INSTALLATION

3.1 Water Level Control Tank Installation

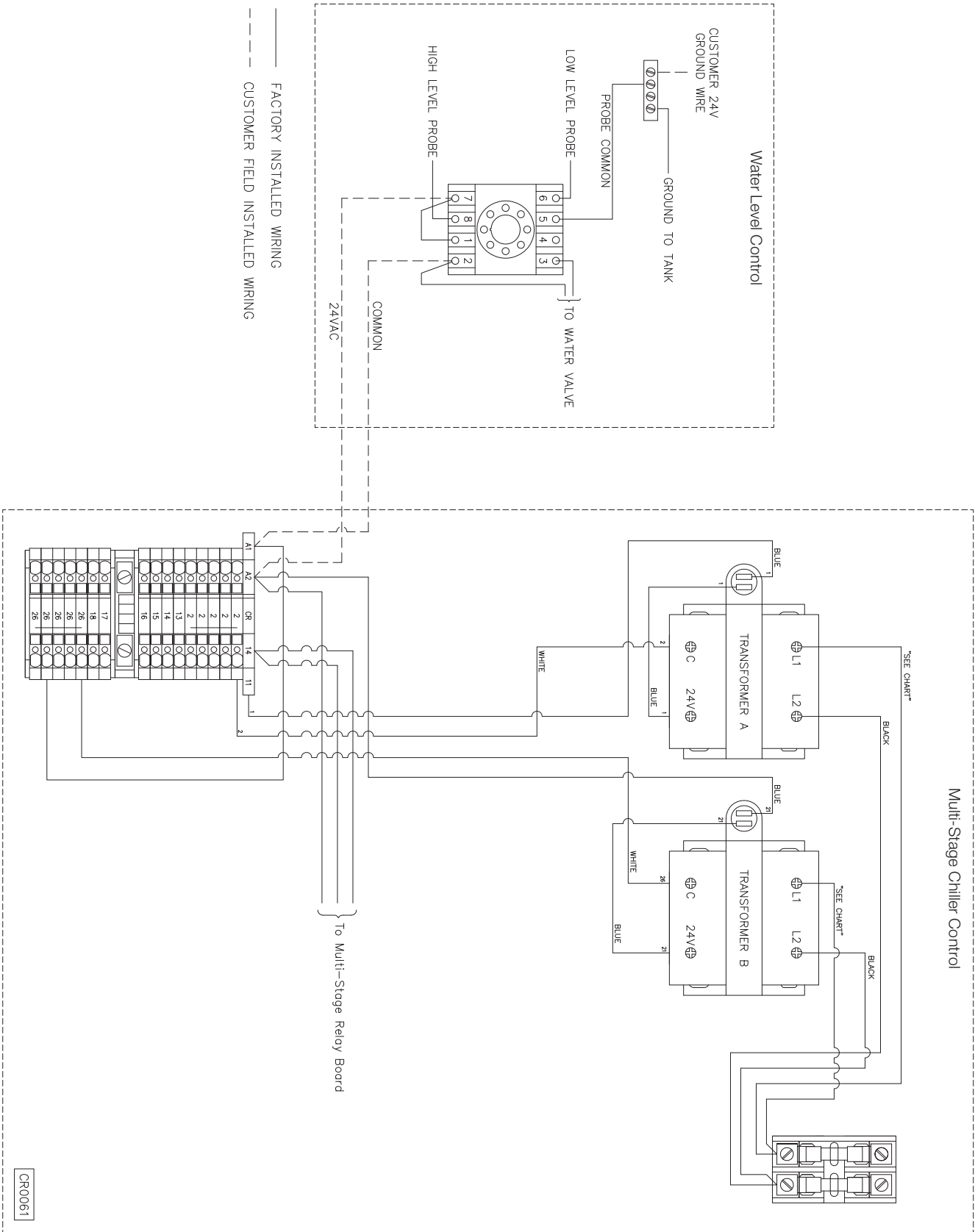
The tank installation of the probes and the control box are described in Figure 3 below.

Figure 3: Water Level Control Tank Installation



SECTION 4.0 - WIRING SCHEMATIC

4.1 Multi-Stage Chiller Control Wiring Schematic





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