Glycol Chiller Quick Start Guide

****WARNING** - Due to the high probability of the chiller being placed in a vertical or horizontal position during shipping. Once unboxed, let the chiller sit in its standard orientation for no less than 24 hours before powering on, so that refrigerant and lubricant can settle. Failure to do so could result in compressor failure.**

Once you have allowed the chiller to settle for at least 24 hours, go ahead and begin by removing the reservoir lid and filling the glycol bath with a 33% glycol solution. That equates to 1 gallon 100% propylene glycol to 2 gallons of distilled water. Ensure that the evaporator coil in the glycol bath is fully submerged.

Next, locate your FTSs pump(s) and attach the outlet side of the pump to one of the four hose leads extending from the bottom of the reservoir lid. Reinstall the reservoir lid, making sure the pump is fully submerged, and route the pump's lead wire through the notch when the evaporator coil enters the reservoir.

Next, extend a length of 3/8" tubing from the outlet side (grey plastic barbs) of the reservoir lid, taking note to install the tubing to the same hose barb where the pump is installed. Run that length of tubing to one side of the FTSs Chiller Coil. Finally, run a second length of tubing from the other side of the FTSs Chiller Coil back to the brass return barbs on the opposite side of the reservoir lid. We recommend using hose/tubing/pipe insulation wherever possible to help the chiller operate more efficiently.

Lastly, make all of your final FTSs connections, using hose clamps wherever possible, and turn on the controller to check for leaks. If no leaks are apparent, go ahead and power up the glycol chiller.

The chiller will quickly reach temps in the mid 30-degree range. You can further adjust the Glycol Chiller's thermostat lower to your desired reservoir temperature, within our pre-set temperature range.

Keep in mind that your individual results, and maximum delta between reservoir temperatures and vessel temperatures may vary. Factors such as ambient temperatures, efficiency losses, and tubing length can contribute to these effects.

****WARNING** - This chiller is not meant to cool wort from boiling temperatures. It is intended to be used as a fermentation temperature control device. Using the chiller to cool wort from high temperatures could overload the unit and void your warranty.**