



1/3 HP Glycol Unit Installation

This guide is designed to provide clear and concise instructions to ensure a smooth installation and operation of your Glycol Unit. For safety and best performance, please follow the instructions carefully.

Pre-installation Requirements:

- Protective gloves (For moving into position)
- A crimping tool
- At least two individuals for safe handling and positioning
- Access to a Dedicated 15-amp electrical outlet

Installation Environment:

- It is crucial to install the unit in an environment where the temperature does not exceed 90°F (32°C) to ensure optimal performance and longevity.

Installation Steps:

Positioning the Unit:

- While wearing gloves for protection, carefully move the glycol unit into the desired position. The unit's handles are integrated into the sides of the condenser housing for your convenience.
- Adjust the unit to a level position using the provided rubber feet.

Connections:

- Connect the outbound line to the pump and the return line to the barb located adjacent to the pump.

Electrical Connection:

- Plug the power cable into a dedicated 15-amp outlet.

Filling the Bath:

- Prepare a mixture of 33% glycol and 77% water. Fill the unit's bath with this solution.
- Initially, turn off both the Condensing Unit and the Pump.
- With the bath adequately filled to the bottom of the white fitting on the top of the tank, activate the pump (only) to circulate the solution. Continue to add the glycol mixture until the system no longer returns air bubbles.
- Proceed to turn on the Condensing Unit (Will not run without pump turned on).

For any inquiries or further assistance

Beverage Equipment Company - 9555 S. Howell Ave. - Oak Creek WI 53154

<http://bevequip.com> - (800)558-6048`

Operation and Temperature Setting:

- To adjust the temperature, press the 'Set' button and then use the 'Up' and 'Down' arrows to select your desired temperature.
- A red indicator light signifies that the glycol level is low and requires attention.
- We recommend setting the temperature between 28°F to 30°F (-2°C to -1°C) for optimal performance.
- Please refer to the included Control Manual for detailed operational guidance.
- Note: The control system features a 1-minute delay for safety and efficiency. A solid snowflake icon on the display indicates that the unit is actively cooling. A flashing snowflake icon signals the operational delay.

Temperature Control Instructions

Keep away from water, device is not waterproof/water resistant.

Basic Operation

Keys: Set; Rst; UP; DOWN

Set	Press once to adjust temperature. Press and hold to access Function Menu.
Rst	When in settings of either temperature or Function Menu press Rst to save and exit. Resetting to defaults: turn off the Controller hold Rst for 5 seconds and press Rst to turn controller back on and restore default settings.

Use up and down to cycle through settings.

Function Menu

Code	Function	Range	Default
HC	Heating/Cooling	C: Cooling H: Heating	C
d	Differential	1.0 ^F -80.0 ^F	5.0 ^F
LS	Low Temp. Alarm	-58 ^F - Set Temp.	-58 ^F
HS	High Temp. Alarm	Set Temp. - 230 ^F	230 ^F
CA	Calibration	-12.0 ^F - 12.0 ^F	0.0 ^F
PE	Delay Start	0-7min	1min

Error Code

Code	Fault	Solution
EE1	Sensor Error	Check Wires or Replace Sensor
HH1*	High Temp. Alarm	Service Condensing Unit / Clean
LL1*	Low Temp. Alarm	Check Probe Accuracy. Service Unit

* Disabled by default (Is set to highest and lowest temps for control)

Indicator Lights

Indicator Lamp	Status	Description
	ON	Compressor On (Cooling)
	OFF	Compressor Off (Cooling)
	Flashing	Delay for set time