

# TROUBLESHOOTING GLYCOL CHILLED SYSTEMS



A glycol system is designed to maintain liquid beer temperature from the cooler to the point of dispense.

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## PROBLEM: BEER FOAMING

Check temperature of faucet- too warm or too cold (should be 38°F)	Check glycol chillers for proper operation; adjust glycol bath temperature if too warm (most systems are designed to operate between 28° and 34°F, check unit's manufacturer specs). Adjust temperature control or call qualified service person.
Wrong gas (glycol systems usually require a mixed gas blender)	Change to mixed gas blender, use target pressure.
Glycol pump functioning (check return line)	Call qualified serviceman to adjust glycol chiller temperature or operation.
Gas regulators incorrectly set	Contact installer.
Applied pressure too low (should be 12 to 14 psi for most beers)	Adjust CO2 regulator to brewer's specification.
Coupler washers bad	Replace coupler washers.
Faucet washers bad	Replace faucet washers.
System dirty	Clean system or call customer's line cleaning service.
Power pack—check condenser, glycol concentration	Call qualified serviceman to clean clogged condenser fins, check glycol strength, service glycol chiller.
Beer foaming in jumper—physical obstructions at coupler-valve junction	Remove any physical obstructions or debris (e.g. piece of a dust cover) that could allow gas to enter the liquid flow.
Beer foaming in jumper—keg valve seal torn or ripped	If seal is ripped/torn, gas enters the liquid flow stream causing foaming. Replace keg and report defective keg to distributor.
Beer foaming at faucet—clogged vent hole(s)	Disassemble and clean faucet, or call line cleaning service.

## PROBLEM: NO BEER AT FAUCET

Empty CO <sub>2</sub> source, N <sub>2</sub> source, or mixed gas bottle	Replace with appropriate full gas bottle, refill bulk CO <sub>2</sub> or N <sub>2</sub> receiver, check nitrogen generator.
Regulator shutoff closed	Open shutoff.
Gas bottle or bulk tank main valve turned off	Turn on gas bottle or tank main valve.
Keg Empty	Replace with full keg.
Coupler not engaged	Tag keg properly and engage coupler.
Check ball in coupler stuck	Free check ball.
Line/faucet dirty	Clean line/faucet.
FOB detector	Reset FOB detector.
Pneumatic beer pumps	Check gas supply to pumps; check pump diverter setting.