

TROUBLESHOOTING GLYCOL CHILLED SYSTEMS



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

800.244.4266
845.794.4266

6636 State Route 52
P.O. Box 296
Lake Huntington NY 12753

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 CO₂ source, N₂ source, or mixed gas bottle

Replace with appropriate full gas bottle, refill bulk CO₂ or N₂ 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.