



Filled Glycol Bottle

Glycol Kit

3PT Glycol Kit

GLYCOL BOTTLE

Temperature Buffer for Freezer Applications

The ACI Glycol Bottle Series is available for freezer and cryogenic applications down to -13°F (-25°C). The bottle is used as a thermal buffer to prevent constant alarming from doors opening. It may be filled with glass beads or glycol solutions and should be used in conjunction with ACI's Freezer Sensor Series. The 3PT-KIT option offers three sensor wells for consistency and ease of validation.

ACI offers the convenience of prefilling your glycol bottle assembly for installation right out of the package. Numerous thermistor and RTD sensors are available in 4" lengths to be used in conjunction with ACI's 2 ounce glycol bottle. They also ship with a Velcro strap for additional installation convenience.

The Glycol Bottle is covered by ACI's Five (5) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.



SPECIFICATIONS

Operating Temperature	-13°F (-25°C) to 212°F (100°C)
Product Material (Both Glycol Versions)	HDPE (High Density Polyethylene)
Volume (Glycol Filled)	2 oz (59.15 ml)
Volume (Glycol Empty)	2 oz (59.15 ml)
Volume (Glycol 3PT)	8.45 oz (250 ml)
Glycol Solution	Propylene Glycol
Grade	Food Grade USP
Product Dimensions (Glycol Filled)	Bottle: (H) 3.39" (DIA) 1.53" Probe: (L) 4" (DIA) 1/4"
Product Dimensions (Glycol Empty)	Bottle: (H) 3.39" (DIA) 1.53" Bracket: (L) 1.50" (W) 1.82" (H) 2.60" Accepts 2" probe w/ 3/16" DIA
Product Dimensions (Glycol 3PT)	Bottle: (H) 4.04" (DIA) 2.62" Bracket: (L) 3.00" (W) 2.63" (H) 3.36" Accepts 2" probe w/ 3/16" DIA

ORDERING AN UNFILLED GLYCOL BOTTLE

Please select one Glycol Unfilled Bottle or Accessory (A).

A Glycol Unfilled (Bottle, Accessories)

- A/GLYCOL-BOTTLE** (Accepts a Single Probe)
- A/GLYCOL-BRACKET** (Bracket Only)
- A/GLYCOL-KIT** (Mounting Bracket & Glycol Bottle)
- A/GLYCOL-3PT-BOTTLE** (Accepts Three Probes)
- A/GLYCOL-3PT-BRACKET** (Bracket Only)
- A/GLYCOL-3PT-KIT** (Mounting Bracket & Glycol Bottle)

BUILD PART NUMBER

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A
EXAMPLE: A/GLYCOL-3PT-KIT

ORDERING A FILLED GLYCOL BOTTLE

Please select either a Thermistor or RTD Sensor (A), Probe (B) and a Length (C).

A Sensor

- | | | | |
|---------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------|
| <input type="radio"/> A/1.8K (Thermistor) | <input type="radio"/> A/10KS (Thermistor) | <input type="radio"/> A/10K-EI (Thermistor) | <input type="radio"/> A/100-3W (RTD) |
| <input type="radio"/> A/3K (Thermistor) | <input type="radio"/> A/AN-BC (Thermistor) | <input type="radio"/> A/20K (Thermistor) | <input type="radio"/> A/1K-2W (RTD) |
| <input type="radio"/> A/AN (Type III Thermistor) | <input type="radio"/> A/CSI (Thermistor) | <input type="radio"/> A/2252 (Thermistor) | <input type="radio"/> A/1K-3W (RTD) |
| <input type="radio"/> A/CP (Type II Thermistor) | <input type="radio"/> A/10K-E (Thermistor) | <input type="radio"/> A/100-2W (RTD) | <input type="radio"/> A/1K-NI (RTD) |

B Probe 4" C Length

- | | | |
|-----------------------------------|---------------------------------|----------------------------------|
| <input type="radio"/> PO4" | <input type="radio"/> 3' | <input type="radio"/> 10' |
| | <input type="radio"/> 6' | <input type="radio"/> 20' |

BUILD PART NUMBER

After completing (A), (B) & (C) from the above table, fill in the Part Number Table below. "CL2P" & "GF2" are factory defaults. An example part number is offered.

A	B	WIRE TYPE	C	FACTORY PROVIDED
		CL2P		GF2
EXAMPLE: A/1.8K - PO4" - CL2P - 3' - GF2				