

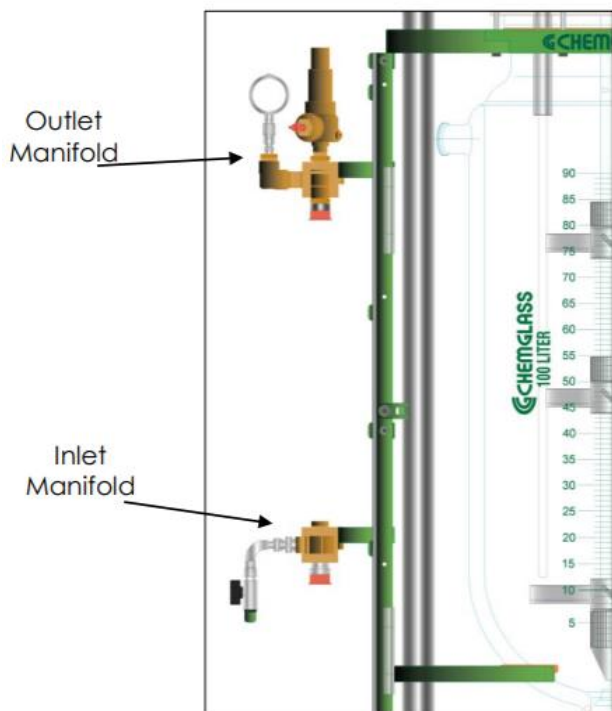


SETUP INSTRUCTIONS

High Flow Manifold System for Process Reactor, 75L -150L

CG-1969-M-09

Manifold contains: Inlet and Outlet, 3ft. and 4ft. Triple Insulated Hoses, and a Tube of Thread Sealant



Outlet Manifold.

Has a Pressure Gauge and Pressure Relief Valve. Outlet Clamp Attaches to Support Frame. Use the Open Female NPT port for Connection of either 3ft. or 4ft. Supplied Hose. Beaded Pipe end of Hose is Attached to Reactor Outlet using a 1 ½ in. Beaded Pipe Coupling (CG-1968-69, Sold Separately). *Circulator Hose (Sold Separately) is Connected to M30 Male fitting on Bottom – Hand Tighten plus ¼ Turn with Wrench.*

Inlet Manifold.

Attaches to Support Frame. Use the Open Female NPT port for Connection of either 3ft. or 4ft. Supplied Hose. Beaded Pipe end of Hose is Attached to Reactor Inlet using a 1 ½ in. Beaded Pipe Coupling (CG-1968-69, Sold Separately). *Circulator Hose (Sold Separately) is Connected to M30 Male fitting on Bottom – Hand Tighten plus ¼ Turn with Wrench.*



¾" ID Triple Insulated Flexible Hose has Welded-on S.S. Beaded Pipe Fitting for Connection to Reactor Inlet/Outlet. Uses CG-1968-69, 1 ½" BP Coupling (Sold Separately). Opposite End has ¾" Male NPT for Connection to Manifold Block.

• **NOTES:**

- Supplied Thread Sealant Must be Used when Attaching Hoses to Manifold Block.
- Supplied Thread Sealant is NOT USED on M30 Thread connections.
- Outlet Gauge can be rotated.
- Ensure Beaded Pipe Couplings used to Attach Hoses to Reactor are tightened to proper torque specifications.



Pressure Gauge can be easily rotated to face forward by loosening the swivel locking nut. Be sure to re-tighten with wrench.

WARNING:

It is recommended that you test pressure relief valves **at least once every six months**, especially to reduce leakage caused by the buildup of minerals and corrosion. Scheduling pressure relief valve testing every six months enables you to troubleshoot any concerns and remedy them promptly before any issues arise.

TEMPERATURE LIMITATIONS ON MANIFOLD = -60 TO 200°C

MAX JACKET PRESSURE = 12 PSI

MAX Δ T = 60°C

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