This piping diagram is Raypak's recommendation and is not intended to replace an engineered piping system designed by a professional engineer.

NOTES:
1. Plumb swing check valve in gravity-closed position.
2. Pipe all relief valves to drain, or as local codes require.
3. Locate as close as possible to tank.
4. Install cold water between boiler outlet and tank.
5. See chart "Pipe Sizing" for pipe sizes, calculated at maximum flow, not to exceed 7.5 ft/sec.
6. Standard pump sizing based on 75 equivalent feet of piping. If distance is greater, the pump must be sized to accommodate increase in piping-related losses.

Guaranteed 80% draw without temperature drop, use Raypak boiler, tank, sizing table and hook-up data.

Heaters shown represent various models. Because individual models will vary in design and sizing, see each specific heater type for details.

Key
- Pressure Relief Valve
- Pump
- Union
- Check Valve
- Ball Valve
- Thermometer

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Piping, Uni-Temp 80: 1 heater, 3 V tanks, 2 temp