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

Guaranteed 80% draw without temperature drop use Raypak heater, 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.

Notes:
1. Plumb swing check valve in gravity-closed position.
2. All relief valves to drain, or as local codes require.
3. Locate tee as close as possible to tank.
4. Install cold water between heater outlet and tanks.
5. See chart "Minimum pipe sizes" for minimum pipe sizes. Pipe sizes calculated at maximum flow.
6. Sizing based on heater and tank being placed five feet apart. If distance is greater, the pump must be sized to accommodate increase in piping-related losses.

Key:
- Pressure relief valve
- Pump
- Union
- Check valve
- Ball valve
- Thermometer
- Drain
- Scale: None

Title: Piping, Uni-Temp 80: 4 Heaters, 4 V tanks, 1 Temp

Material: WH 133-4001

Drawn by: J. Ryan

Approved by: D. Baldwin

Raypak, Conard, California

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