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. INSTALL COLD WATER BETWEEN BOILER OUTLET AND TANK.
3. SEE CHART FOR PIPE SIZES, CALCULATED AT MAXIMUM FLOW.
4. 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.
5. PROVIDE FOR THERMAL EXPANSION OF HOT WATER IF A BACKFLOW PREVENTER, CHECK VALVE, WATER METER OR PRESSURE-REDUCING VALVE IS INSTALLED IN THE COLD WATER LINE.
6. 24-INCH HEAT SINK "U" REQUIRED PER RECOMMENDATIONS OF MANUFACTURER OR 3-WAY MIXING VALVE.

IF HIGH TEMP HOT WATER SETPOINT EXCEEDS 160°F, SPECIFY "V" BOILERS INSTEAD OF "WH" WATER HEATERS.

GUARANTEED 80% DRAW WITHOUT TEMPERATURE DROP, USE RAYPAK BOILER, TANK, SIZING TABLE AND HOOK-UP DATA

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Piping, Uni-Temp 80: 2 Heaters, 1 V Tank, 2 Temp

WH