NOTE:
1. PLUMB SWING CHECK VALVE IN GRAVITY-CLOSED POSITION.
2. PIPE 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 TANK.
5. SEE CHART "PIPE SIZES" FOR PIPE SIZES, CALCULATED AT MAXIMUM FLOW.
6. NOT TO EXCEED 7.5 FT-OC.
7. 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.
8. 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.
9. IF HOT WATER SETPOINT EXCEEDS 190° WITH MAX FLOW, SPECIFY "N" BOILERS INSTEAD OF "W" WATER HEATERS.

GUARANTEED 80° DRAW WITHOUT TEMPERATURE DROP,
USE RAYPAK HEATER, SIZING TABLE AND HOOK UP

REAR MOUNTED PUMP OPTIONAL ON CERTAIN MODELS
HEATER-MOUNTED PRESSURE RELIEF VALVE (TYP.)
PUMP LOCATION ON MODELS WITHOUT INTEGRAL PUMP

THIS PIPING DIAGRAM IS RAYPAK'S RECOMMENDATION AND IS NOT INTENDED TO
REPLACE AN ENGINEERED PIPING SYSTEM DESIGNED BY A PROFESSIONAL ENGINEER.