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

NOTE:

1. PLUMB SWING CHECK VALVE IN GRAVITY-CLOSED POSITION.

PIPE ALLOY RELIEF VALVES TO DRAIN, OR AS LOCAL CODES REQUIRE.

3. SEE CHART "PIPE SIZES" FOR PIPE SIZES, CALCULATED AT MAXIMUM FLOW, NOT TO EXCEED 7.5 FT/SEC.

4. 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.

5. 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.

6. A TWO-FOOT MINIMUM CLEARANCE SHOULD BE USED FOR THE SPACING BETWEEN ADJACENT BOILERS FOR MAINTENANCE.

UNLESS OTHERWISE SPECIFIED:

FRACTIONS: 1/16, 1/32, 1/64, 3/32, 1/8, 1/16, 1/32

DIAMETERS: 1/2 IN., 3/4 IN., 1 IN.

BOILERS SHOWN REPRESENT VARIOUS MODELS, BECAUSE INDIVIDUAL MODELS WILL VARY IN DESIGN AND SIZING, SEE EACH SPECIFIC BOILER TYPE FOR DETAILS.

A RAYPAK DIVISION

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