

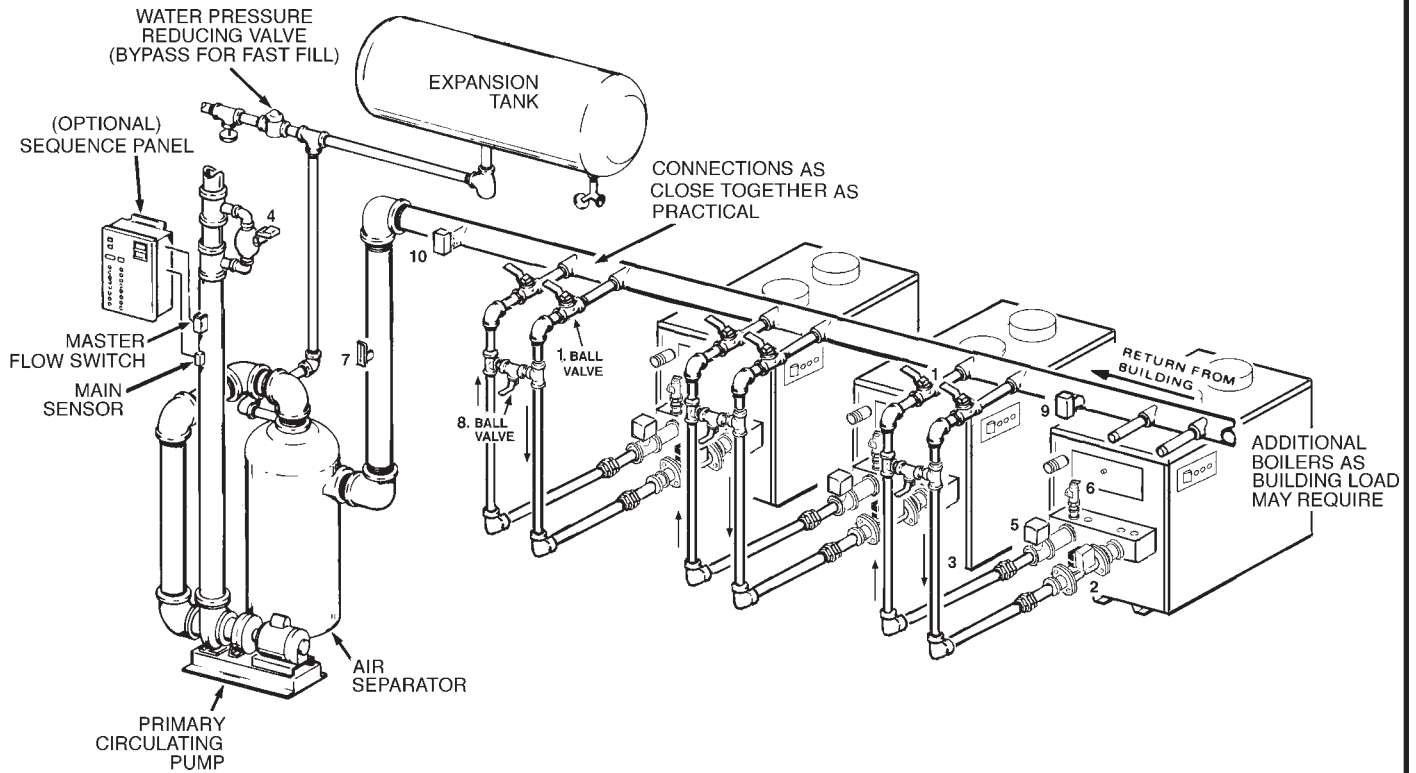
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APPLICATION TYPE DIAGRAM
SEE INSTALLATION MANUAL FOR
COMPLETE INSTRUCTIONS

INSTALL IN ACCORDANCE WITH LOCAL CODES.



LOW TEMPERATURE SYSTEM
GB-200 THRU GB-750
PRIMARY-SECONDARY PIPING



SECONDARY PUMP AND PIPE SELECTION DATA

TEMPERATURE RISE AND PRESSURE DROP						
Model GB	20°(F) Rise		30°(F) Rise		40°(F) Rise	
	GPM	PD-Ft. Head	GPM	PD-Ft. Head	GPM	PD-Ft. Head
200	17	0.6	11	0.4	8	0.1
300	25	1.3	17	0.6	13	0.4
400	34	2.2	23	0.9	17	0.6
500	42	3.4	28	1.8	21	0.9
650	55	3.5	37	2.0	27	1.8
750	63	8.3	42	4.3	32	2.1

1. BALL VALVE
2. BOILER CIRCULATING PUMP (SECONDARY)
3. THERMOMETER
4. LOW WATER CUT-OFF (If Required)
5. SAFETY FLOW SWITCH
6. RELIEF VALVE
7. SYSTEM SUPPLY TEMP. THERMOMETER
8. BY-PASS VALVE
9. REMOTE LOOP STAT
10. PROBE TYPE LOW WATER CUTOFF (If Required)

Secondary flow rate should not create a temperature rise that will force boiler temperatures up to the 240° maximum setting of limit controls.

Flow rates through unequal models must be adjusted to establish equal temperature rise.

