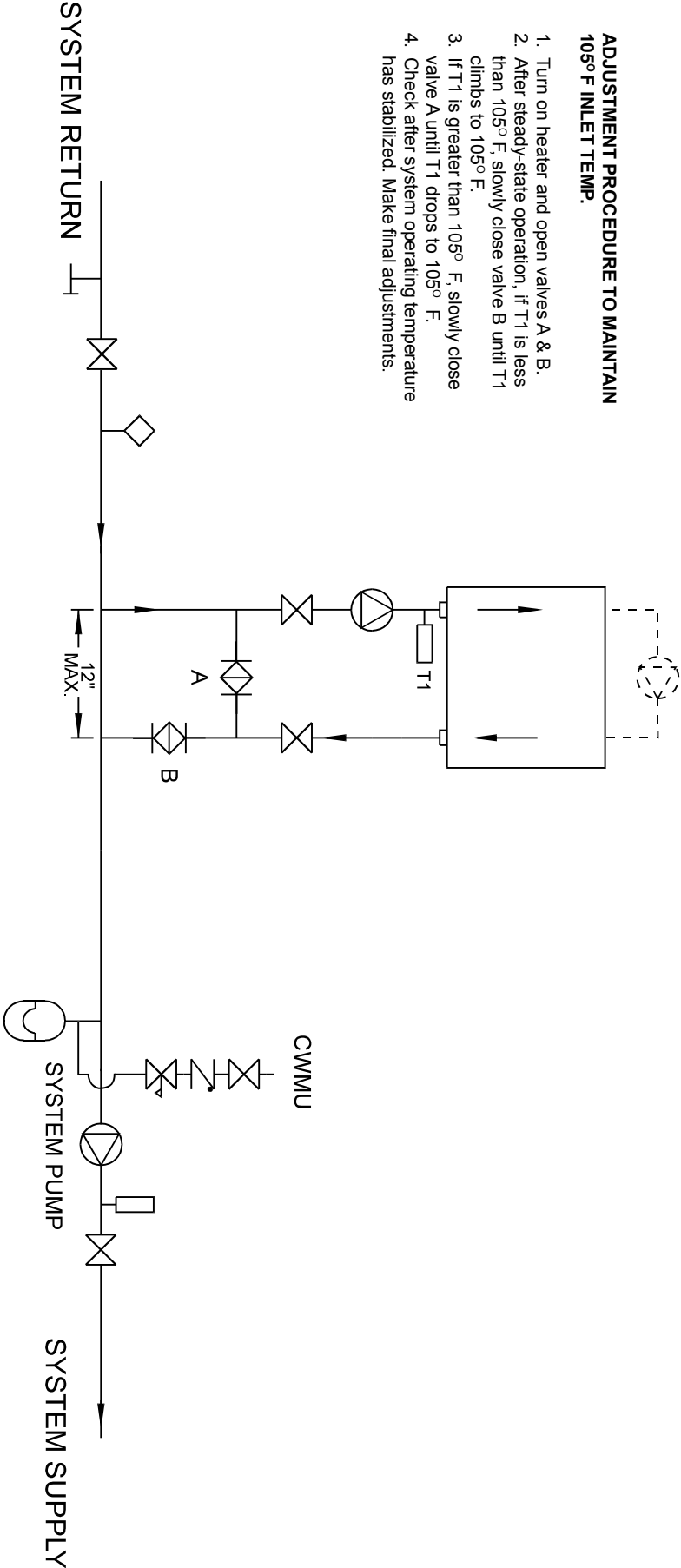


SINGLE BOILER, PRIMARY/SECONDARY, HEAT PUMP

**ADJUSTMENT PROCEDURE TO MAINTAIN
105° F INLET TEMP.**

1. Turn on heater and open valves A & B.
2. After steady-state operation, if T1 is less than 105° F, slowly close valve B until T1 climbs to 105° F.
3. If T1 is greater than 105° F, slowly close valve A until T1 drops to 105° F.
4. Check after system operating temperature has stabilized. Make final adjustments.



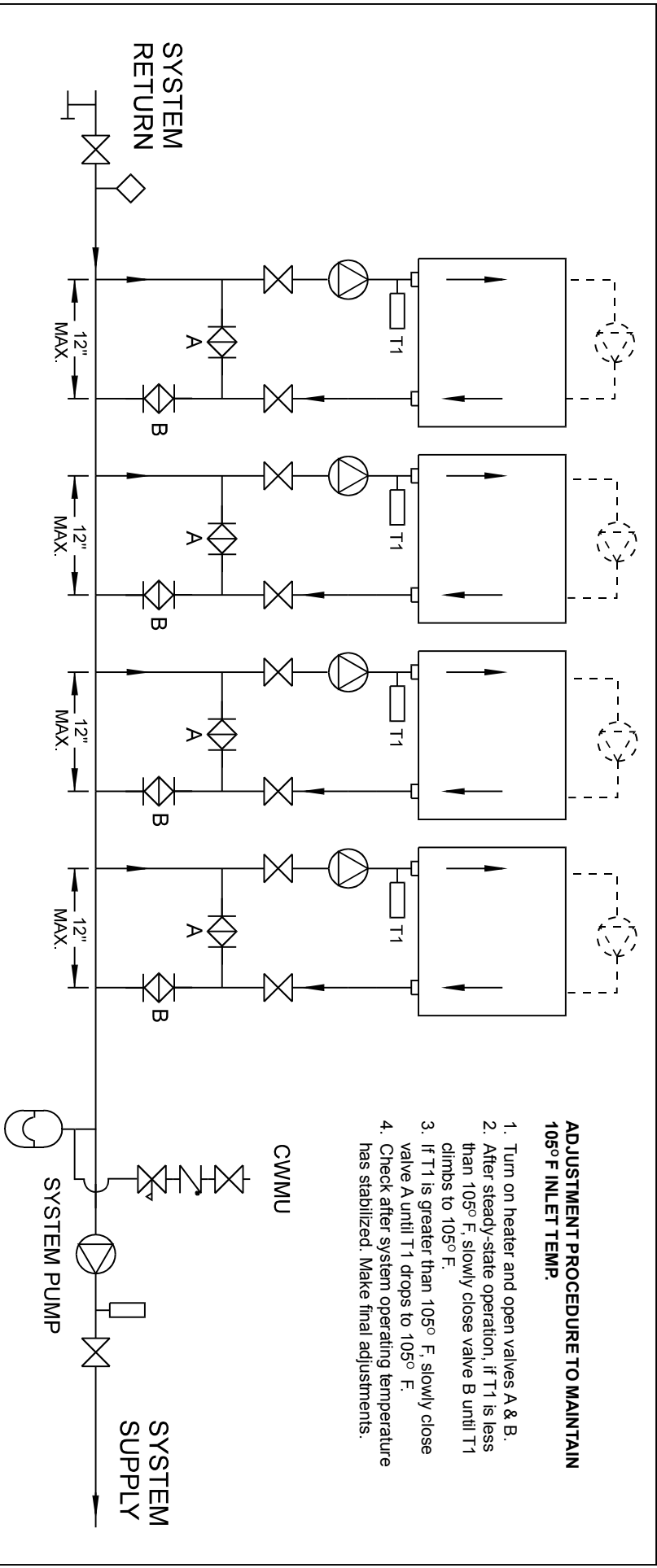
NOTES:

Primary/Secondary required for variable flow systems.
Boiler circuit piping must equal boiler flange size.
Primary (Boiler) Pump sized to boiler design flow requirements.
Boiler water connections (inlet/outlet) vary per model. Verify connection orientation.

All boilers furnished with factory mounted outlet water temperature gauge.
Dotted symbols indicate optional locations.
Primary (Boiler) pump requires system temp. interlock.
CWMMU = Cold Water Make-Up
Temperature sensors require field interlock to boiler controls

PUMP	VALVE	BALANCING VALVE	CHECK VALVE	PRESSURE REDUCING VALVE	3-WAY VALVE	TEMPERATURE SENSOR	THERMOMETER	PURGE VALVE	EXP. TANK & AIR ELIMINATION DEVICE	UNIT MOUNTED PUMP

MULTIPLE BOILERS, PRIMARY/SECONDARY, HEAT PUMP



PUMP	VALVE	BALANCING VALVE	CHECK VALVE	PRESSURE REDUCING VALVE	3-WAY VALVE	TEMPERATURE SENSOR	THERMOMETER	PURGE VALVE	EXP. TANK & AIR ELIMINATION DEVICE	UNIT MOUNTED PUMP