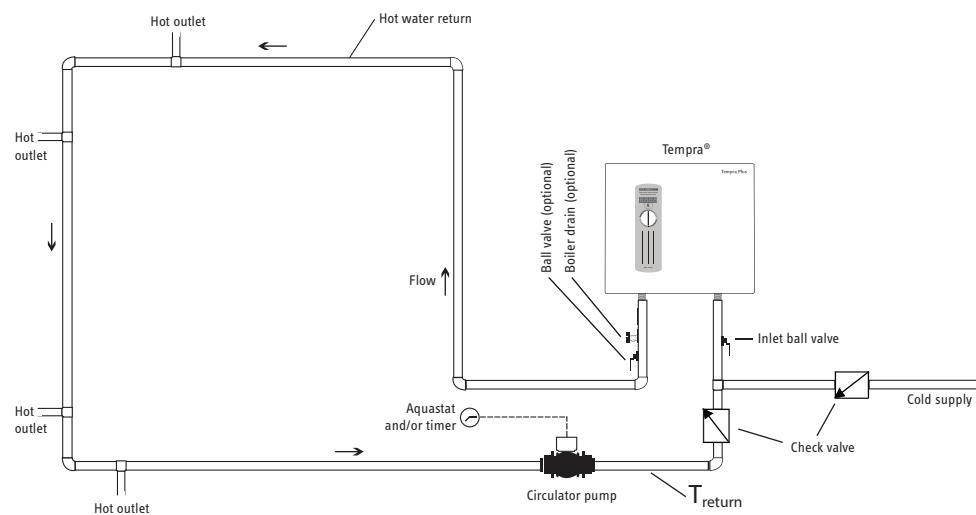


TECHNICAL SERVICE BULLETIN

TEMPRA RECIRCULATION LOOP DIAGRAM

FLOW RATE ABOVE MINIMUM ACTIVATION OF UNIT

A Tempra can be plumbed directly into a recirculation loop, as illustrated below, provided that the flow rate of the loop is greater than the minimum activation flow rate of the Tempra. To cut down on energy consumption, an aquastat can be installed in the location T_{return} , and cut power to the pump when the return of the loop is less than $5^{\circ} - 10^{\circ}$ below the Tempra's set point. A timer is sometimes used as well to disable the recirculation loop during times of low use, such as the middle of the night.



Model	Tempra® 12 223420	Tempra® 15 223421	Tempra® 20 223422	Tempra® 24 223424	Tempra® 29 232885	Tempra® 36 232886
Item Number	12 Plus 224196	15 Plus 224197	20 Plus 224198	24 Plus 224199	29 Plus 223245	36 Plus 223426
Min. water flow to activate unit	0.37 GPM / 1.4 l/min	0.50 GPM / 1.9 l/min	0.50 GPM / 1.9 l/min	0.50 GPM / 1.9 l/min	0.77 GPM / 2.9 l/min	0.77 GPM / 2.9 l/min