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## TECHNICAL SERVICE BULLETIN TEMPRA WITH RECIRCULATION SYSTEMS FOR USE IN PLUMBING SYSTEMS WITH NO RETURN LINE

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If it is desired to use one of the available hot water recirculation systems for use in homes that do not have a recirculation loop with a dedicated return line, it is imperative that the recirculation system you chose has a volumetric flow rate of 1 gpm or greater, because in order for it to work properly, the Tempra's minimum activation rate shown in the table below must be met. These devices are not part of our product line, so to determine which recirculation system to purchase, please contact a company that either sells or manufactures these systems, and make sure that whatever system you are considering produces a flow rate of at least 1 gpm when the pump is in operation.

<b>Model</b>	<b>Tempra® 12</b> 223420	<b>Tempra® 15</b> 223421	<b>Tempra® 20</b> 223422	<b>Tempra® 24</b> 223424	<b>Tempra® 29</b> 232885	<b>Tempra® 36</b> 232886
<b>Item Number</b>	<b>12 Plus</b> 224196	<b>15 Plus</b> 224197	<b>20 Plus</b> 224198	<b>24 Plus</b> 224199	<b>29 Plus</b> 223245	<b>36 Plus</b> 223426
<b>Min. water flow to activate unit</b>	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