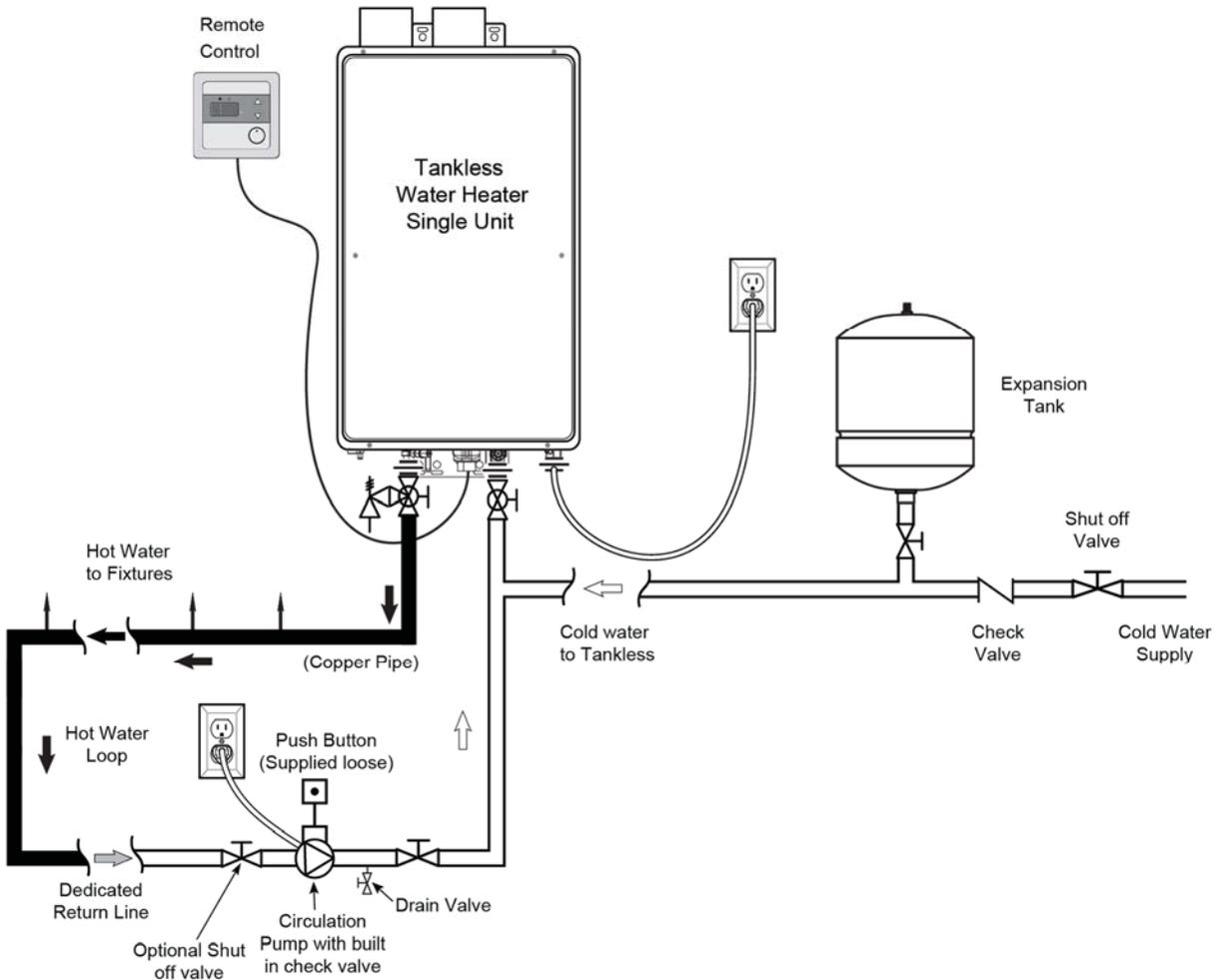


Water Recirculation Piping Diagram (with Dedicated Return Line)

Rheem Part Number	Pump Connection Size	Motor		
		Voltage/Frequency/Phase	RPM	HP
AP18403	½" male NPT	115VAC/60Hz/1	3250	1/25



Maximum Allowable Equivalent Pipe Length*		
Pipe Diameter (Copper Pipe)	¾"	½"
Maximum allowable equivalent pipe length	400 ft.	100 ft.
*Equivalent pipe length includes hot water line, dedicated return line and all fittings.		

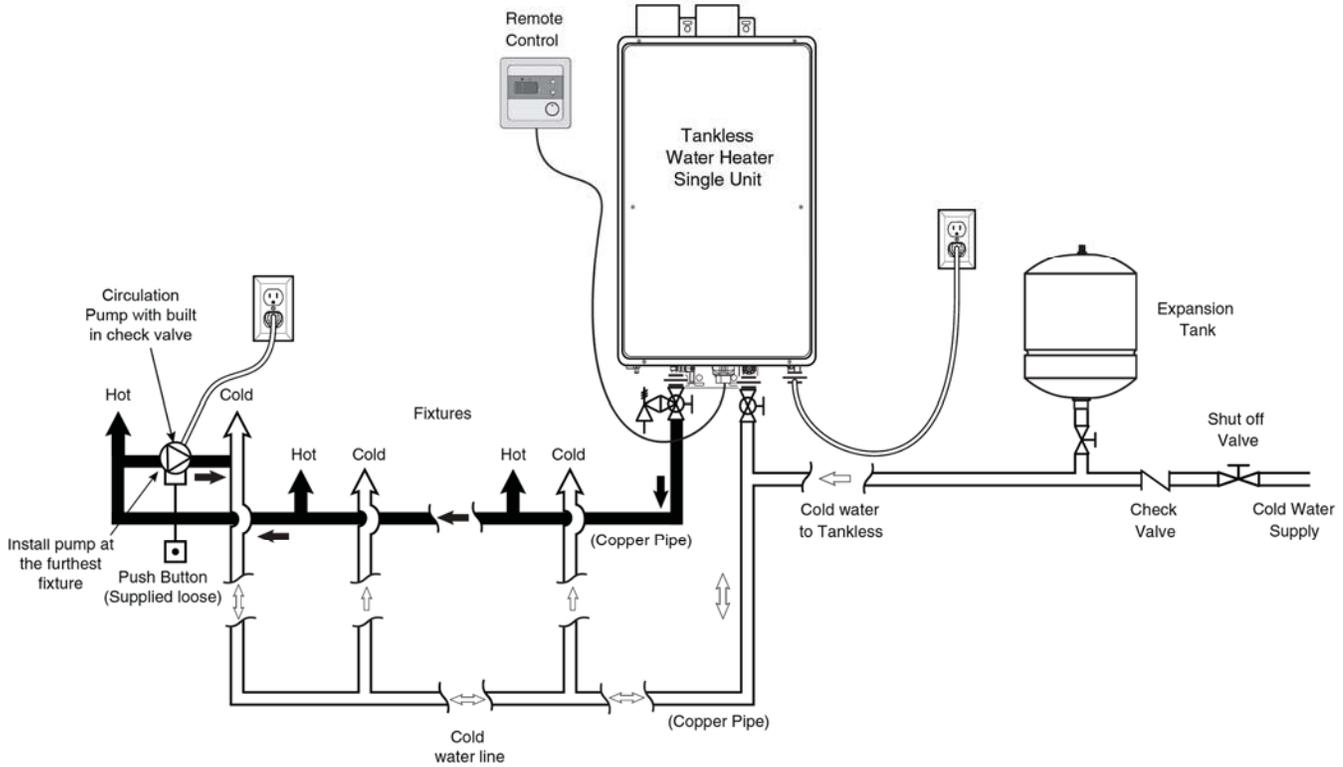
⚠ NOTICE: To conserve energy and minimize heat loss, insulation of hot water lines is recommended.

Lines should be cleaned and flushed before installing pump. **DO NOT** energize pump until properly installed and the system is checked for leak and completely filled. Pump should be flooded with water before it is started.

⚠ CAUTION: Avoid running circulator pump dry as this will damage the circulator pump.

Water Recirculation Piping Diagram (Under Sink Application)

Pump can be installed under sink (furthest fixture) for retrofit applications that does not have dedicated return lines. This can be done by using appropriate fittings (not provided in this kit).



⚠ CAUTION: Warm water may be present in cold water fixtures and cold water line during pump operation and short period thereafter, when using cold water line as a return line.

Maximum Allowable Equivalent Pipe Length*		
Pipe Diameter (Copper Pipe)	3/4"	1/2"
Maximum allowable equivalent pipe length	400 ft.	100 ft.
*Equivalent pipe length includes hot water line, dedicated return line and all fittings.		

⚠ NOTICE: To conserve energy and minimize heat loss, insulation of hot water lines is recommended.

Activation Accessories		
Rheem Part Number	Description	What it does
SP20861	Remote transmitter, receiver kit	Start system with wireless remote control
SP20862	Motion sensor starter kit	Start system with automatic motion sensor
SP20863	Individual starter button	Start system with hard-wired push button

⚠ NOTICE: If required the length of the push button wire can be increased. Extension wire can be any 18AGW wire similar to a thermostat wire and need not be polarity sensitive. Attach extension wire using appropriate wire nuts. It is not recommend to have the wires exposed.