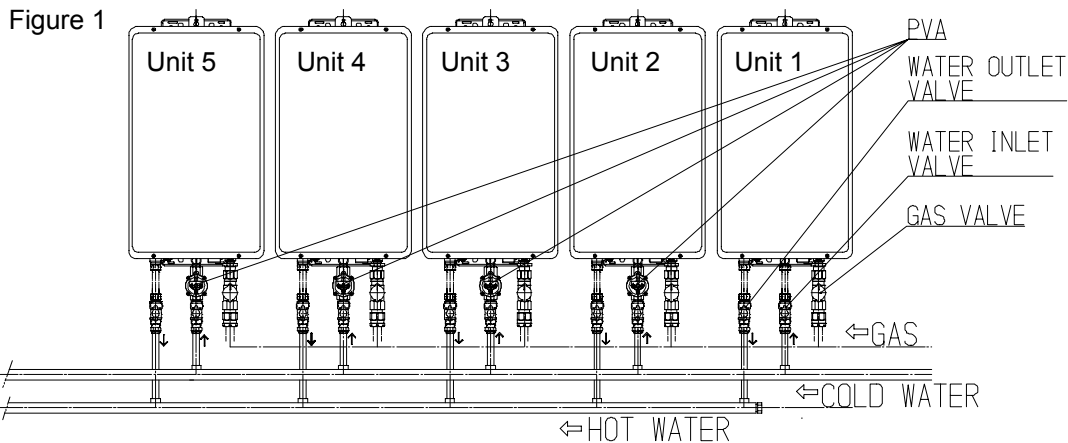


### Application

Pressure activation valves (PVA's) can be used to manifold 2 to 5 Rinnai water heaters in order to produce a stable water temperature and allow the water heaters to run efficiently. PVA's can be used to manifold indoor or outdoor models. See Figure 1.



### Installation

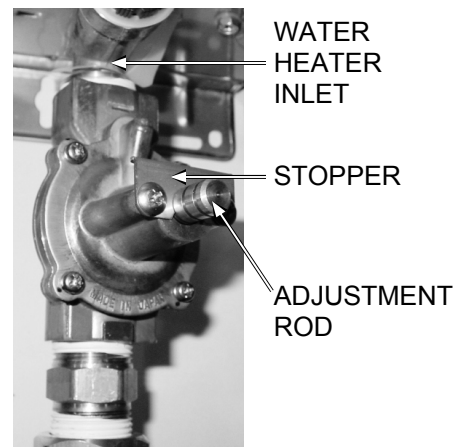
Install the PVA valve at the inlet of the water heater in the correct orientation as shown in Figure 2.

In a manifolded system, PVA valves will be installed on all but one unit. Set each PVA to a different activation pressure, except on the 4th and 5th unit. This allows each unit to come on as necessary to meet the demand for hot water. Set the activation pressure on the second unit to its lowest activation point. Set the third unit to the second lowest activation point, and so forth. If 5 units are manifolded then set the 4th and 5th unit to the same activation point. See Figure 3.

### NOTICE

Water heaters should be installed less than 18 inches apart to prevent temperature fluctuations. Water heaters should be at the same temperature setting.

Figure 2



### How to Adjust the Activation Pressure

1. Unlock the adjusting rod by removing one screw and loosen the other screw that holds the stopper in place. See Figure 2.
2. Move the stopper and pull the rod out to reduce the activation pressure. (3 notches will be visible when completely extended). Push the rod in to increase the activation pressure. Do not push the rod completely into the valve.
3. Install the stopper with 2 screws to lock the adjusting rod.

Figure 3

