

What is the minimum water flow required to operate a Noritz tankless water heater?

Minimum flow rate is the amount of water required to flow through the tankless water heater in order for it to ignite and stay in operation. Not meeting the minimum flow rate requirement will cause the unit not to fire or shut off during operation. Because tankless water heaters heat up water so quickly, there must be a certain volume of water that must pass through the heater coils to ensure the proper temperature of water leaving the unit and prevent overheating of water. Tank water heaters do not have a minimum flow rate to operate because they are constantly heating up the same volume of water for use.

If an end user encounters issues with temperature fluctuations while showering or other fixtures, the minimum flow requirement is probably not being received. Some possible solutions to this problem are lowering the temperature of the unit to minimize the amount of cold water being introduced through shower head, cleaning out the water filter in case there is debris restricting water flow, and inspected aerators in fixtures that could be restrictive to water flow as well.