

Inches Water Column (WC) for Natural Gas

*Most Utility Companies Will Test Gas Pressure Levels For Free

7" WC is Recommended For Most NG Appliances

3.5" WC Minimum & 8.5" WC Maximum

Dropping below 3.5" WC can result in an E1 error message—Failure to Ignite

Below are examples of acceptable Static, Load at 3GPM, & Load at 3GPM with Furnace Readings



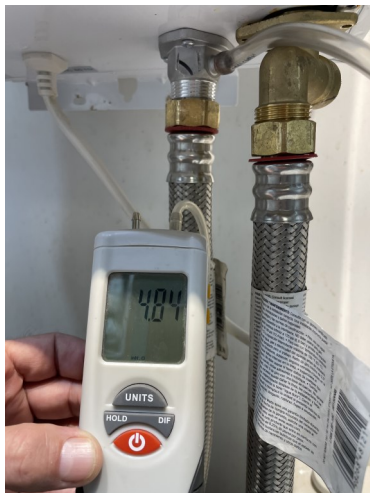
Static Pressure

This is a Static Reading of the Gas pressure at the port on the gas connection. Pressure shown is 6.72 inches WC.



Load Reading around 3 GPM

This is a Reading of the Gas pressure at the port on the gas connection with a load around 3 gallons per minute. Pressure shown is 5.60 inches WC.



Load Reading at 3 GPM while Furnace is Running

This is a Reading of the Gas pressure at the port on the gas connection with a load of around 3 gallons per minute and the furnace running simultaneously. Pressure shown is 4.84 inches WC.

Water Heater will begin running at less than 100% efficiency when pressure drops below 5" WC