

Hello Everyone,



I hope your new year is off to an exciting and positive start!

This month, I'd like to share useful information about portable propane tank usage. A common question we receive is, "How many hours will my portable LP tank last?" The answer depends on the **tank capacity** and the **burn rate (BTUs per hour)** of the grill or outdoor appliance. Here's a simple formula and example to help you understand and estimate its duration.

$$\text{Run Time (hours)} = \frac{\text{Tank Capacity (in BTUs)}}{\text{Burn Rate (BTUs per hour)}}$$

One **gallon** of propane contains approximately **91,500 BTUs** of energy. A **5-gallon (20 lb.) propane tank** holds about **4.7 gallons** of propane when filled. The total BTU content in a full tank is roughly 430,000. ( $4.7 \times 91,500 = 430,050$ )

**Example:** E1060 grill burning all four burners on high at **112,000 BTUs** will last approximately 3 hours and 52 minutes using a full **5-gallon (20 lb.) propane tank** (which holds roughly about **432,000 BTUs**).

$$432,000 \text{ BTUs} \div 112,000 \text{ BTUs / hour} = 3.86 \text{ hours}$$

These figures may fluctuate due to weather and cooking conditions.

**Remember, not all tank regulators are created equally. Ensure the regulator being used has the proper BTU rating for the grill or outdoor product. Using the improper regulator will hinder its performance.**

*Troy, Your Tech Guy*