

Answer on Question #67750, Chemistry / General Chemistry

A gas occupying 25.0 L has a pressure of 250 lb/in². What volume will it occupy if the pressure changes to 35 lb/in² while the temperature remains constant?

Solution:

According to Boyle's law:

$$p \quad \text{—————}$$
$$\text{—————}$$

Answer:178.6 l.

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