
Unit III: Assessment: Q & A (Selected)

Lecture 54

2. A 1kW Geyser is connected across its rated voltage supply. If it is drawing its rated power and run for 30 minutes, how many units of energy are consumed?

Number of units of energy= $1 \times 1\text{kW} \times 30/60 = 500 \text{ Whrs} = 0.5 \text{ Units}$