

str. 134 / úloha 717

$$V = 250 \text{ ml} = 0,25 \text{ l}$$

$$m = 0,25 \text{ kg}$$

$$Q_p = ? \text{ [J]}$$

$$(A - A_0) = 60 \text{ }^\circ\text{C}$$

$$c = 4180 \frac{\text{J}}{\text{kg} \cdot \text{ }^\circ\text{C}}$$

$$Q_p = m \cdot c \cdot (A - A_0)$$

$$Q_p = 0,25 \cdot 4180 \cdot 60$$

$$Q_p = 62700 \text{ J}$$

$$\underline{\underline{Q_p = 63 \text{ kJ}}}$$

Voda prijme 63 kJ tepla.