Rate laws for elementary steps

Determine the rate law and calculate the units of k for the following reaction assuming that it is an elementary step:

$$2\,H_2O_2 \rightarrow 2\,H_2O + O_2$$

Rate laws for elementary steps

Determine the rate law and calculate the units of k for the following reaction assuming that it is an elementary step:

$$2 \, H_2O_2 \; \rightarrow \; 2 \, H_2O \; + \; O_2$$

$$v = k[H_2O_2]^2$$

$$(M/s) = (M^{-1}s^{-1})(M)^2$$