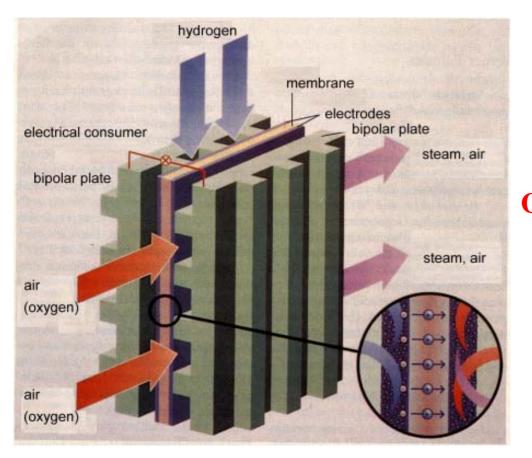
Membrane Technology

• Electrodialysis (ED)



$$H_2 \longrightarrow 2H^+ + 2e^-$$
Cathode
$$O_2 + 4e^- + 4H^+ \longrightarrow 2H_2O$$

Anode

Global
$$2H_2 + O_2 \longrightarrow 2H_2O$$

Hydrogen fuel cell with a cationic membrane.

