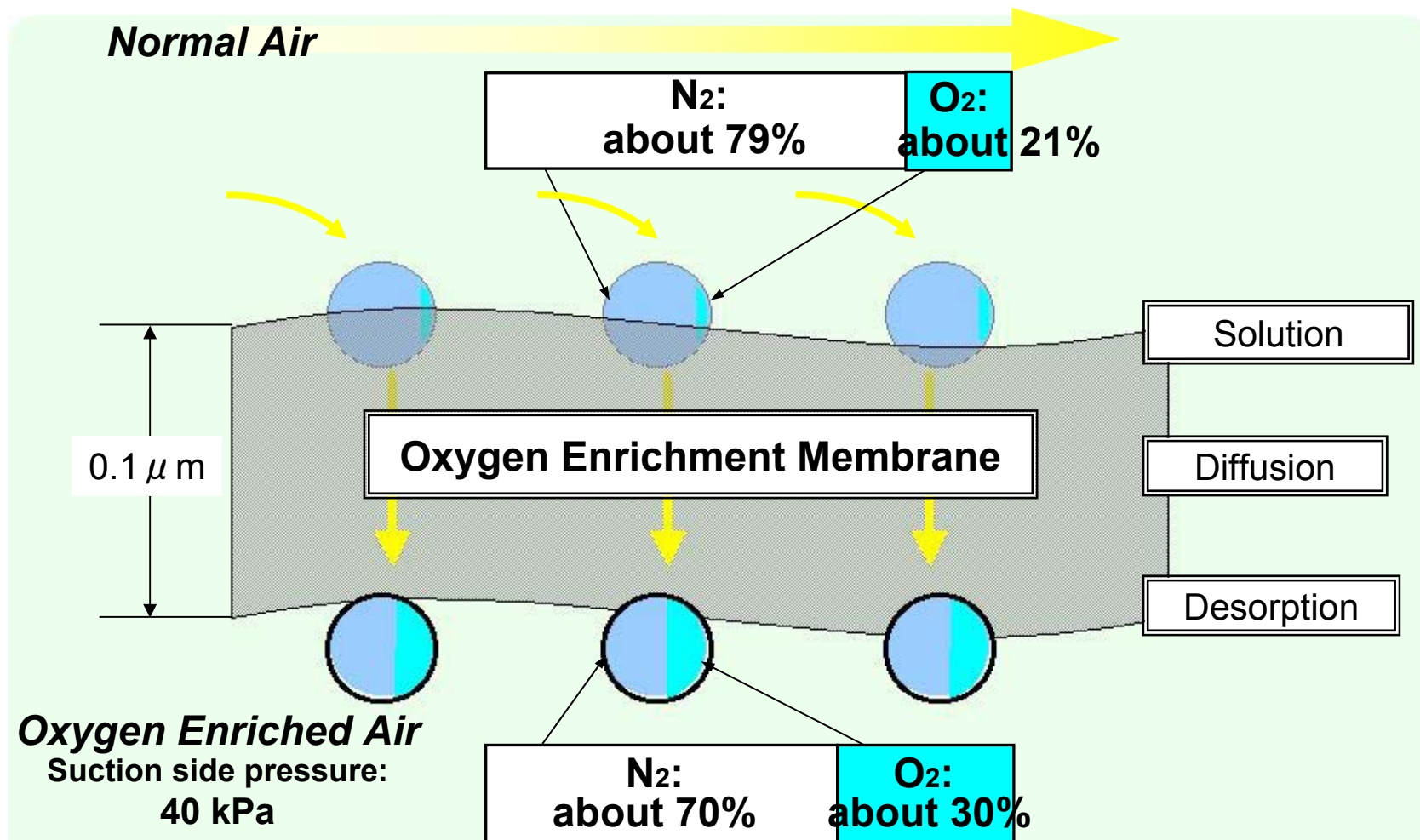


The Principle of Oxygen Enrichment Membrane

- * Permeating air through oxygen enrichment membrane can cause the level of oxygen concentration to rise.
- * Air can be separated by the difference of the speed of Solution and Diffusion. (Not the size of molecules.)

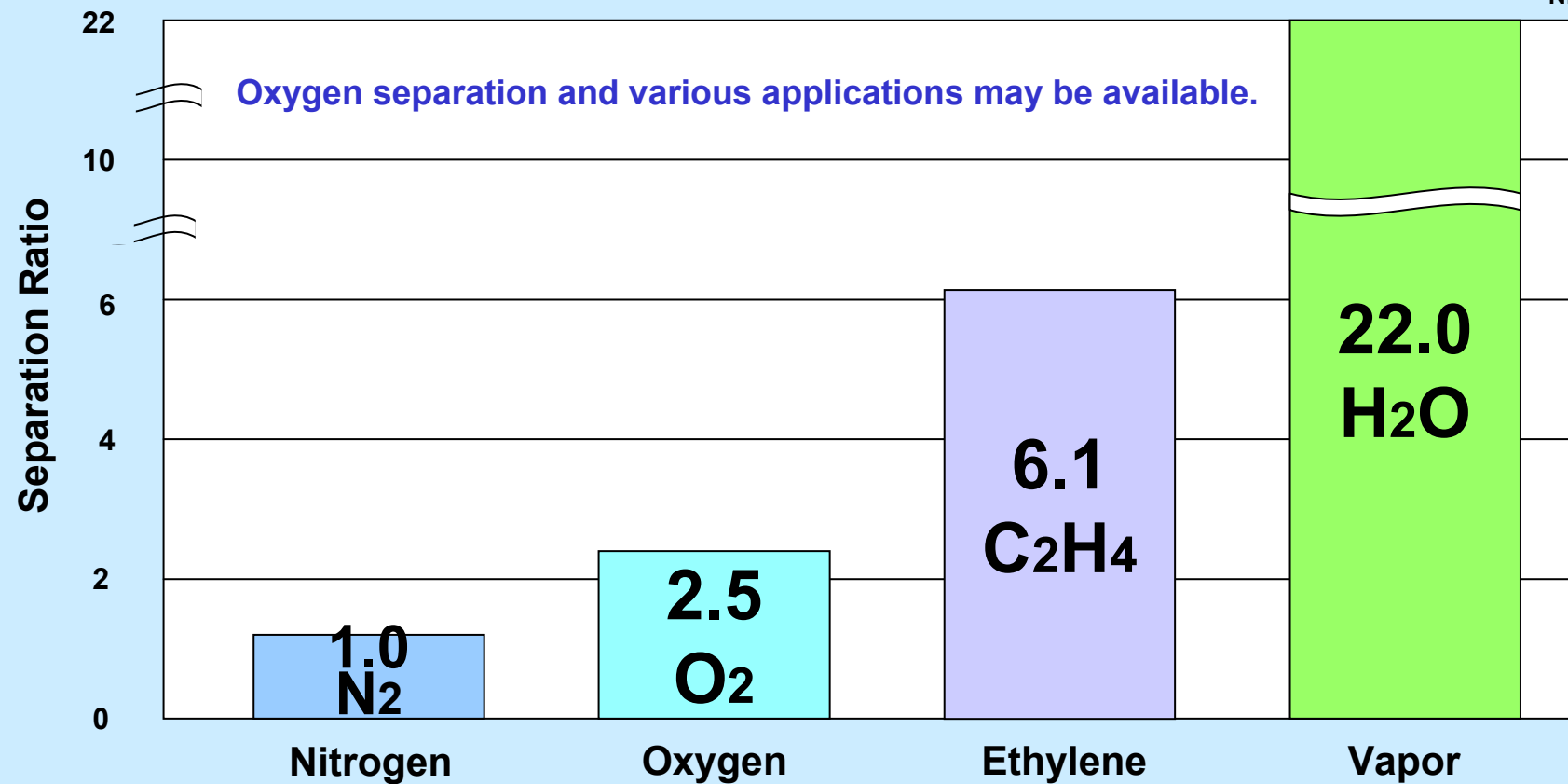


*Regard atmospheric pressure as 101.3kPa

Gas Separation Characteristic

● Permeation speed ratio among various gases.

$$\text{Separation Ratio} = \frac{\text{Flowing quantity of Various gas}}{\text{Flowing quantity of Nitrogen}}$$



*This data shows the separation ratio of each gas to Nitrogen.