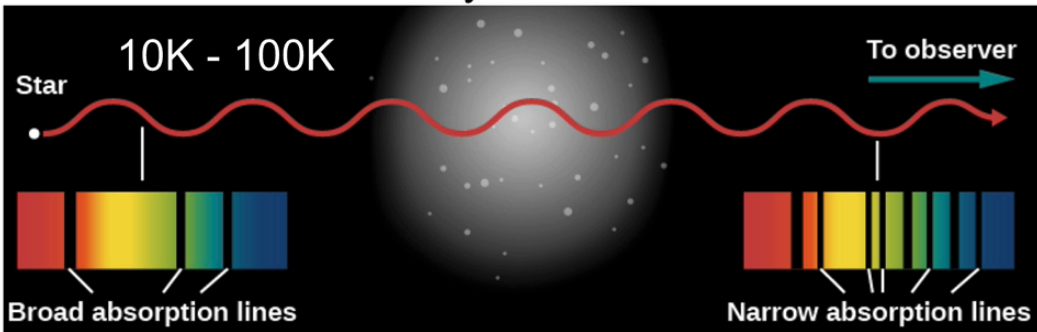


4 Major Kinds of Gas

1 Neutral Gas - Everywhere



2 Ionized Hydrogen Gas



Clouds of ionized gas surround the hottest stars (O Stars)

Temperature around 10,000K

Considered "warm"

Types of Interstellar Gas

3

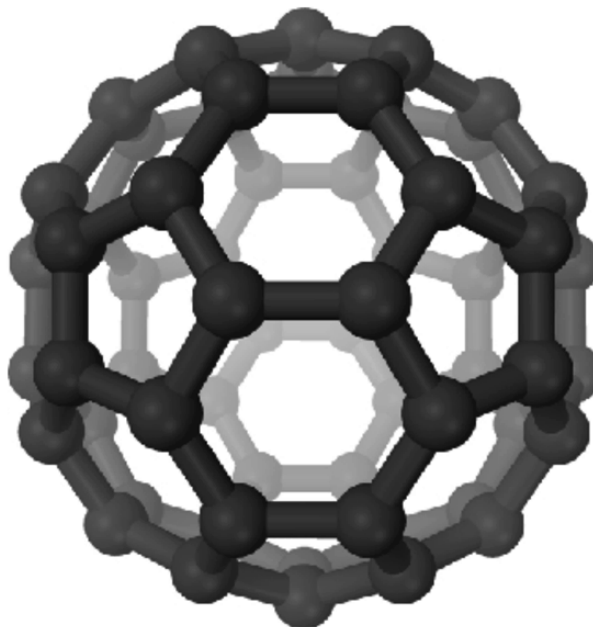
Ultra-Hot Gas

Come from Supernovae (End of Massive Star's Life)

Found in outskirts of galaxies and between galaxies

4 Molecular Clouds

Very cold, and dense - where stars will eventually form



Gas Cycles Through these phases over time