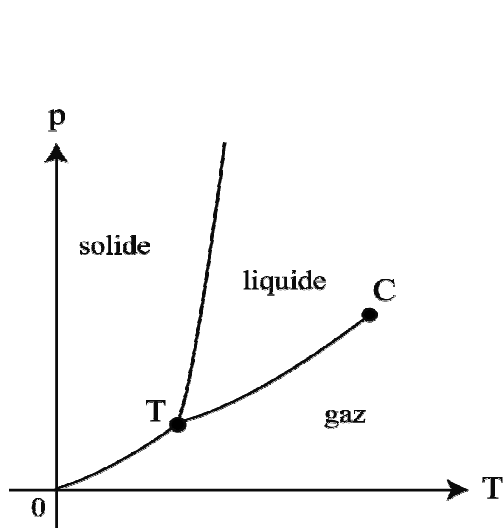


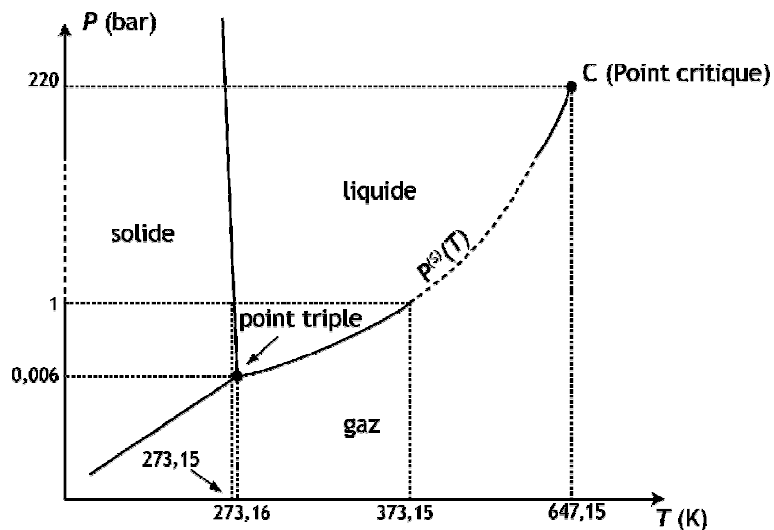
DIAGRAMMES (p,T)

T3. BILAN ENTHALPIQUE – §2.1

◇ description

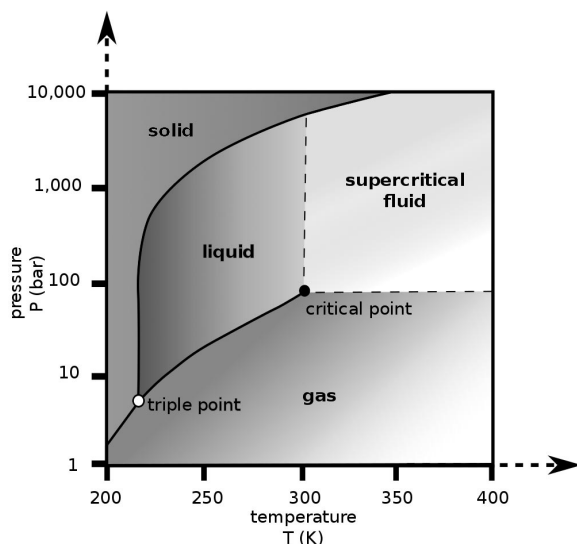


cas général



cas particulier de l'eau

◇ fluide supercritique : cas du dioxyde de carbone



Point critique

$$T_C = 304,2 \text{ K (soit } \approx 31,1 \text{ } ^\circ\text{C})$$

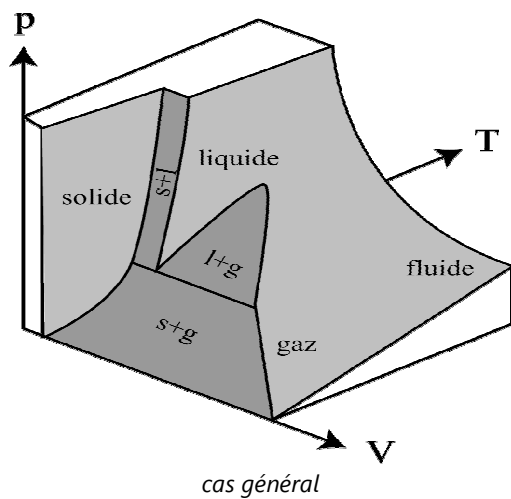
$$p_C = 7,38 \text{ MPa (soit } \approx 74 \text{ bar)}$$

Point triple

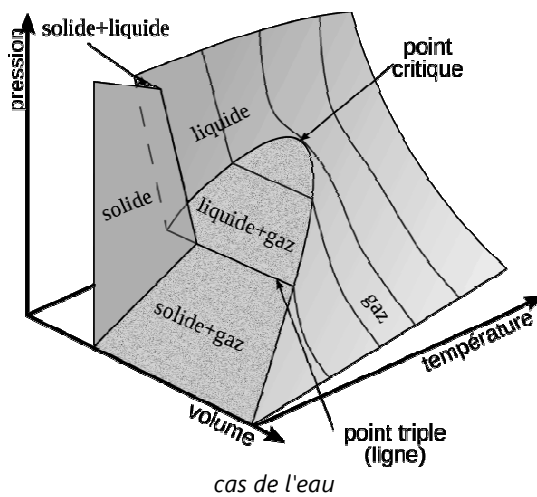
$$T_T = 216,5 \text{ K (soit } \approx -56,6 \text{ } ^\circ\text{C})$$

$$p_T = 517 \text{ kPa (soit } \approx 5,2 \text{ bar)}$$

◇ complément : surface d'équilibre, diagramme (p,V,T)



cas général



cas de l'eau