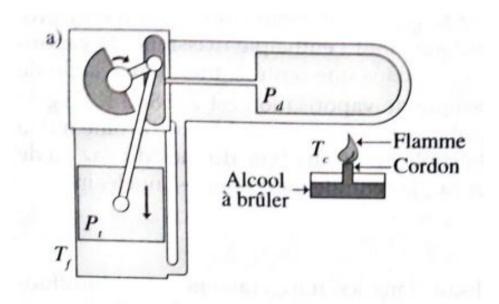
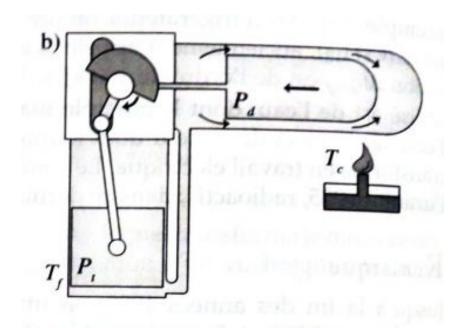
LP14 – Machines thermiques réelles

AGRÉGATION EXTERNE DE PHYSIQUE-CHIMIE, OPTION PHYSIQUE

I. Illustration sur le cas simple d'une machine fermée

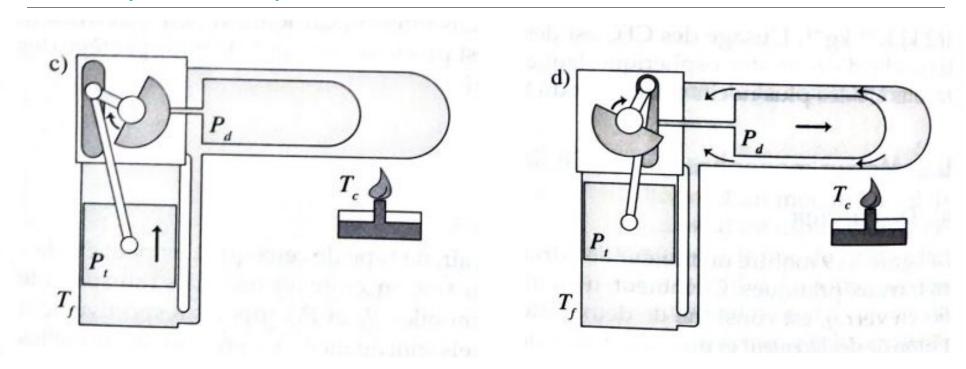
1. Cycle idéal, cycle réel



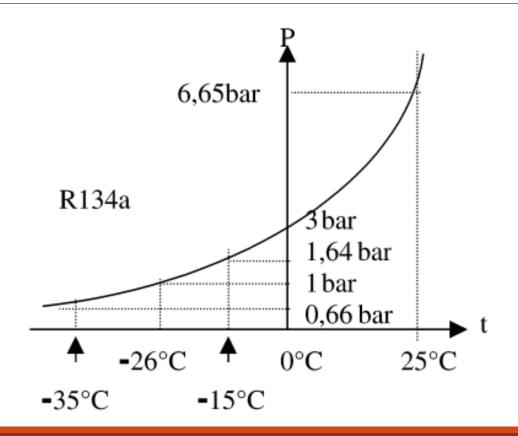


I. Illustration sur le cas simple d'une machine fermée

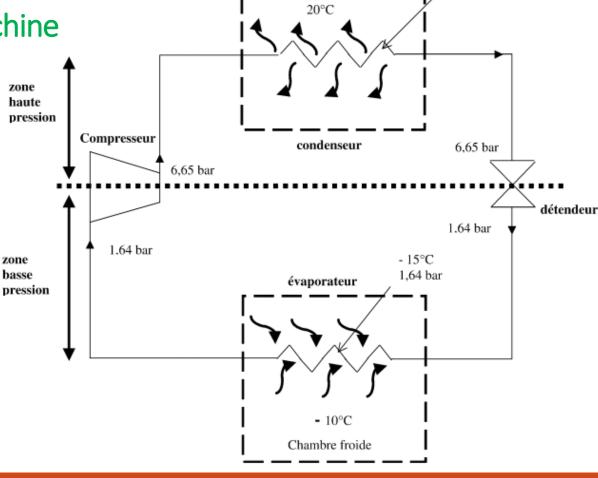
1. Cycle idéal, cycle réel

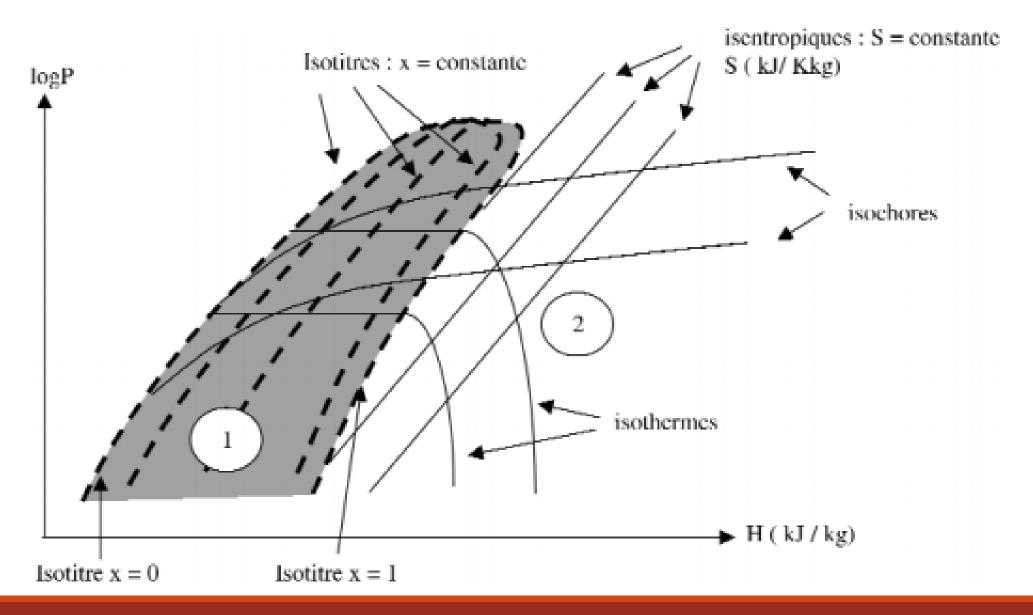


1. Présentation de la machine

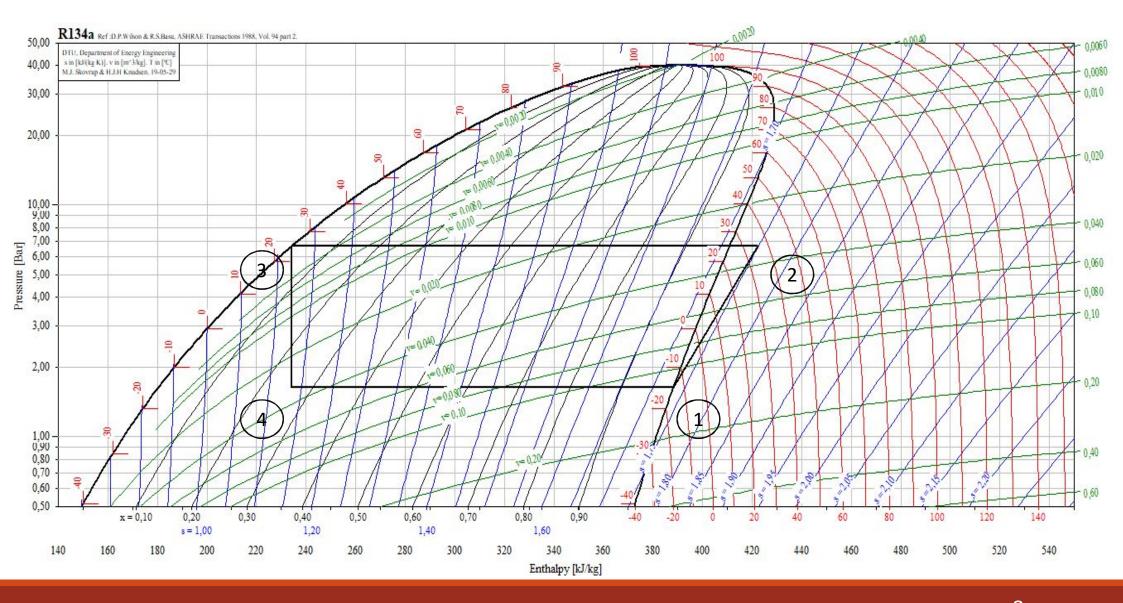


ouvert Milieu ambiant 6,65 bar 20°C 1. Présentation de la machine



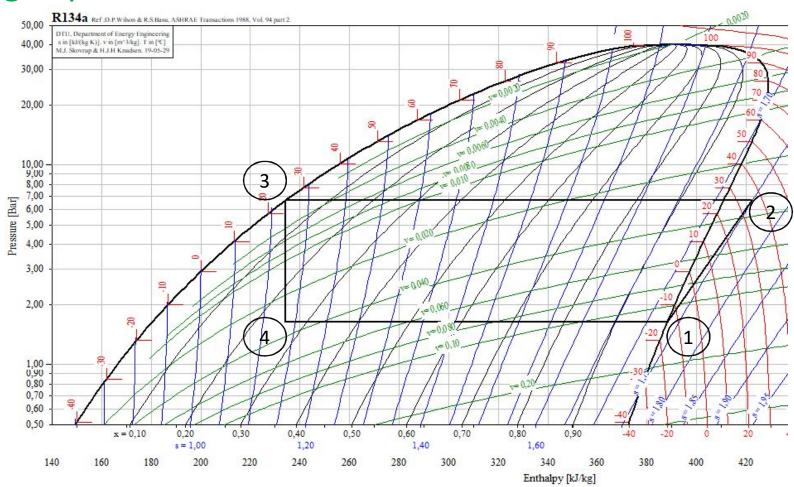


ouvert 2. Diagramme des frigoristes condenseur détendeur Compresseur évaporateur



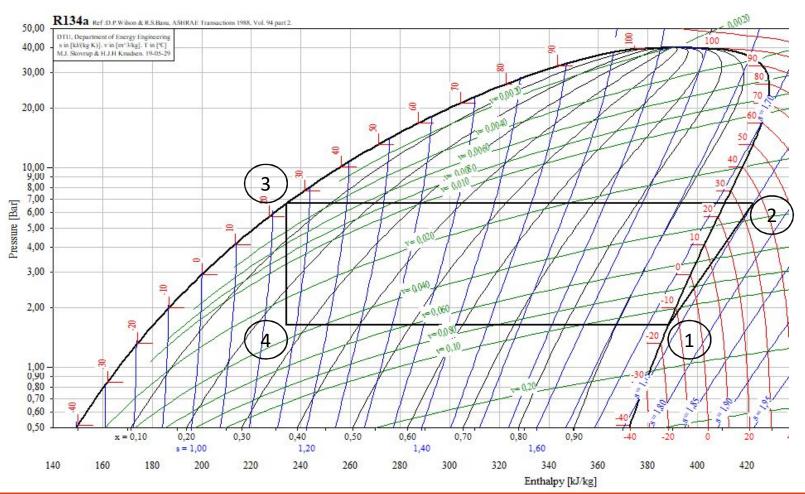
2. Etudes énergétiques

Points d'étude	enthalpie massique kJ . kg^{-1}
1	388
2	422
3	234
4	234



2. Etudes énergétiques

Points d'étude	Entropie massique kJ . K^{-1} . kg^{-1}
1	1,73
2	1,75
3	1,11
4	1,14



2. Etudes énergétiques

