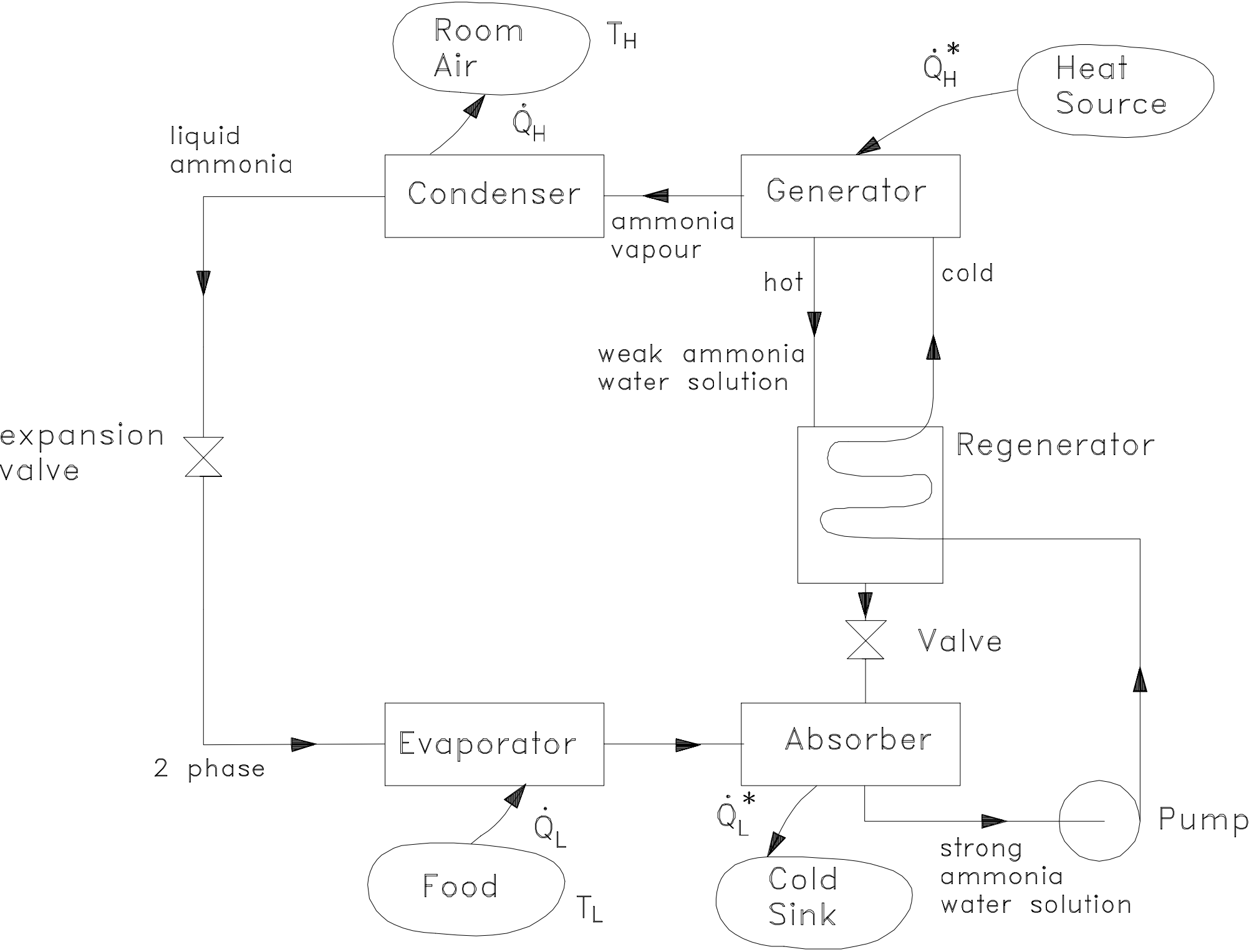
Room Air
T_H
$\dot{Q}_H$
$\dot{Q}_H^*$
Heat Source
liquid ammonia
Condenser
Generator
ammonia vapour
hot
cold
weak ammonia water solution
expansion valve
Regenerator
Valve
2 phase
Evaporator
Absorber
$\dot{Q}_L^*$
$\dot{Q}_L$
Pump
strong ammonia water solution
Food
T_L
Cold Sink