



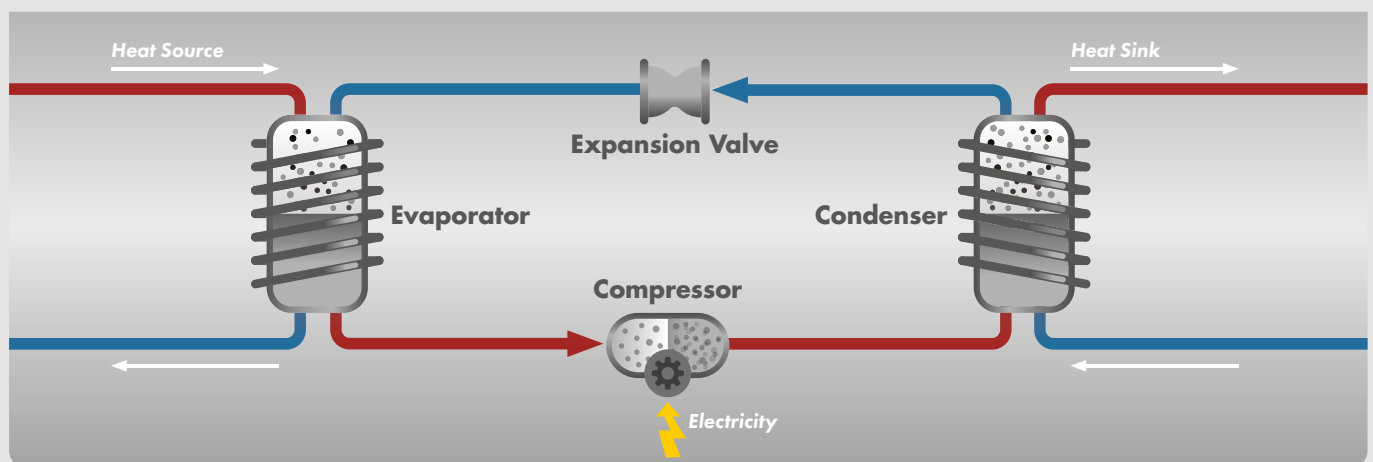
○ Heat Pumps for Industrial Processes

Heat pumps can provide both heating and cooling, delivering over 3 times the amount of energy that is consumed.

Using the specific properties of refrigerants, electric driven compressors lift the heat from the source to the sink by increasing the pressure.

DATA & FACTS:

- *Temperatures of up to 120 °C*
- *Capacities range from 30kW to 2MW*
- *Carbon neutral in combination with renewable electricity*
- *Recovery of waste heat to increase efficiency*



ADVANTAGES:

- *System Engineering and Design*
- *Turnkey Project Solutions*

TARGET PROCESSES:

- *Procurement and Supplier Selection*
- *Operation and Maintenance*