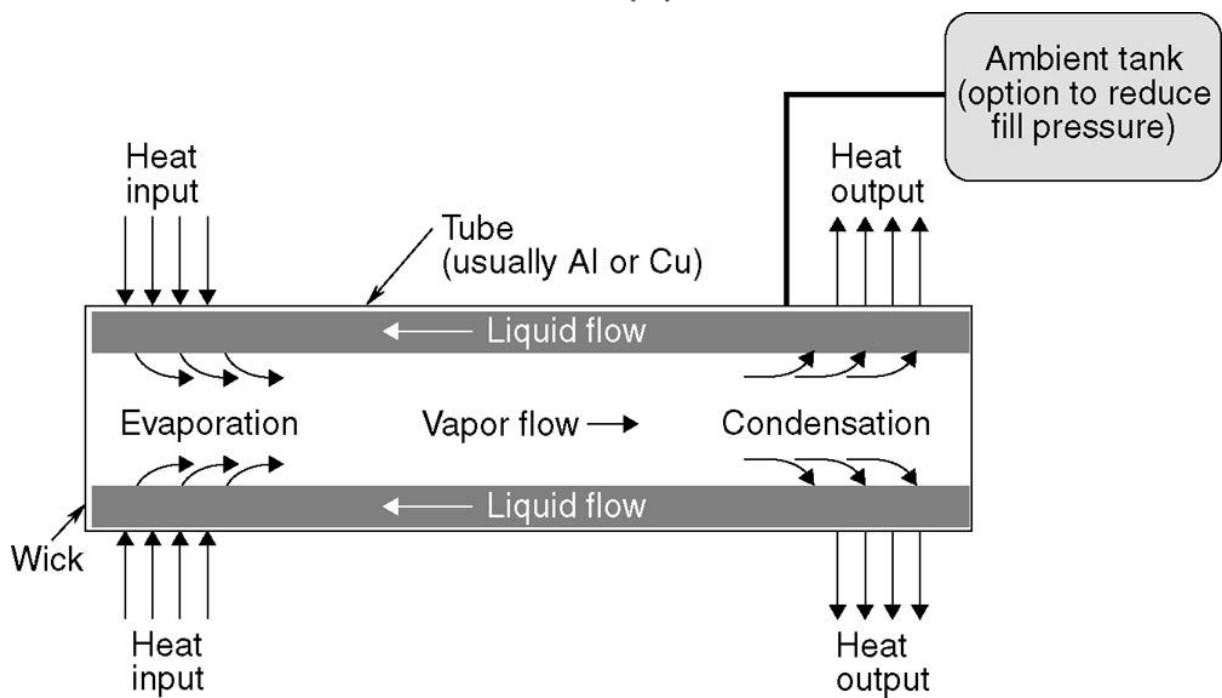
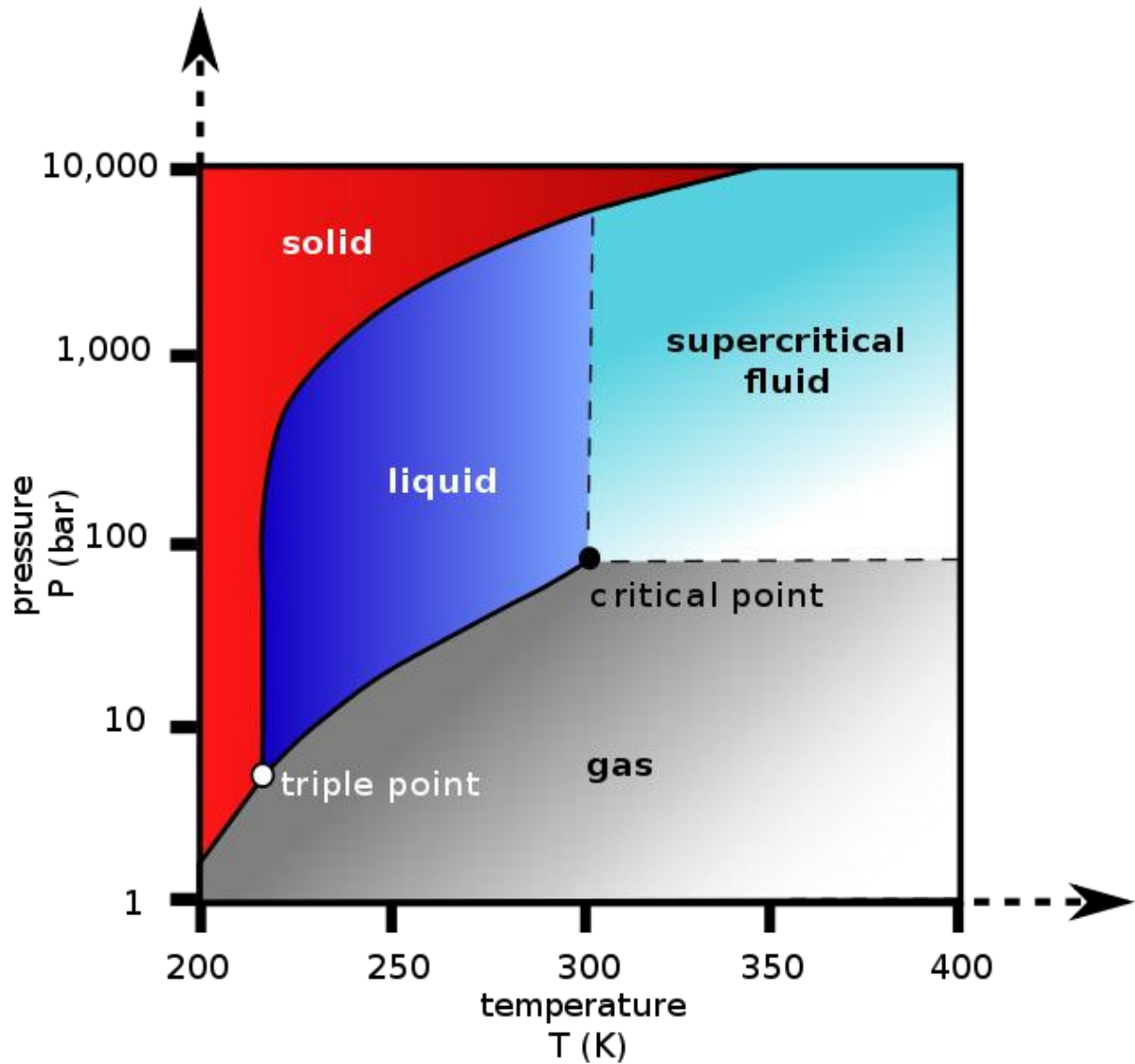


Vloeistoffen voor heatpipes:

<b>Heat Pipe Working Fluid</b>	<b>Operating Temperature Range (°C)</b>	<b>Heat Pipe Shell Material</b>
<b>Low Temperature or Cryogenic Heat Pipe Working Fluids</b>		
Carbon Dioxide	-50 to 30	Aluminium, Stainless Steel, Titanium
Helium	-271 to -269	Stainless Steel, Titanium
Hydrogen	-260 to -230	Stainless Steel
Methane	-180 to -100	Stainless Steel
Neon	-240 to -230	Stainless Steel
Nitrogen	-200 to -160	Stainless Steel
Oxygen	-210 to -130	Aluminium, Titanium
<b>Mid Range Heat Pipe Working Fluids</b>		
Acetone	-48 to 125	Aluminium, Stainless Steel
Ammonia	-75 to 125	Aluminium, Stainless Steel
Ethane	-150 to 25	Aluminium
Methanol	-75 to 120	Copper, Stainless Steel
Methylamine	-90 to 125	Aluminium
Pentane	-125 to 125	Aluminum, Stainless Steel
Propylene	-150 to 60	Aluminium, Stainless Steel
Water	1 to 325	Copper, Monel, Nickel, Titanium

(Thermacore <http://www.thermacore-europe.com/thermal-basics/heat-pipe-technology.aspx>)



Chapter 16, Cryogenic Heat Transport Devices.

