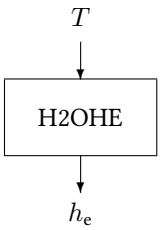
Block H2OHE

The H2OHE block calculates the evaporation enthalypy of water as a function of temperature.





Name	H2OHE
Function	st0010
Inputs	1
Outputs	1
Parameters	0
Strings	0
Group	S

Inputs

1 Temperature T / °C

Outputs

1 Evaporation enthaply of water h_e / kJ kg^{-1}

Parameters

None

Strings

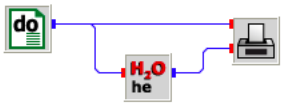
None

Description

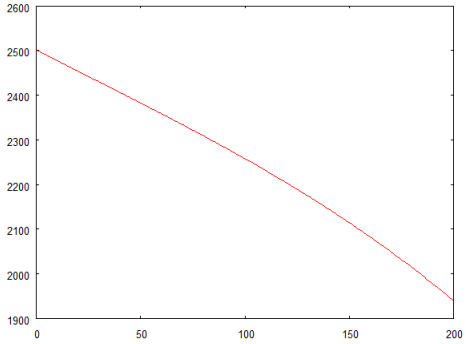
The temperature dependency of the the evaporation enthalpy is given as the difference between the enthalpy of vapor h_{v} and the enthalpy of the liquid h_{l}

$$h_{\mathrm{e}}(T) = h_{\mathrm{v}}(T) - h_{\mathrm{l}}(T)$$

h2ohe.vseit



The PLOT block displays the evaporation enthalpy of water as a function of temperature which is varied between 0 and 200 °C in steps of 1 °C, as defined through a DO block.



See also

Blocks H2OHL and H2OHV.