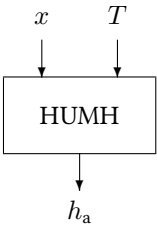


Block HUMH

The HUMH block returns the enthalpy of air as a function of absolute humidity and temperature.

hum
h



Name	HUMH
Function	st0013
Inputs	2
Outputs	1
Parameters	0
Strings	0
Group	S

Inputs

- 1

Absolute humidity of humid air x / g water/kg dry air
- 2

Temperature T / °C

Outputs

- 1

Enthaply of air h_a / kJ kg⁻¹

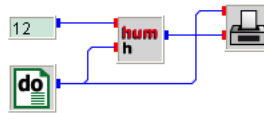
Parameters

None

Strings

None

humh.vseit



The **PLOT** block displays the enthalpy of humid air as a function of temperature which is varied between 15 and 300 °C in steps of 0.1 °C, as defined through a **DO** block.

The absolute humidity of the humid air is set to 12 g water per kg of dry air by a **CONST** block.

