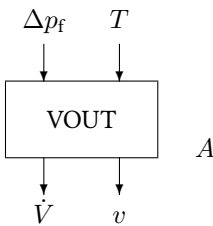


Block VOUT

The VOUT block calculates the volume flow for a channel or tube outlet into free space.



Name	VOUT
Function	st0019
Inputs	2
Outputs	2
Parameters	1
Strings	0
Group	S

Inputs

- 1

Pressure drop Δp_f / Pa
- 2

Air temperature T / °C

Outputs

- 1

Volume flow $\dot{V}$ / m³ h⁻¹
- 2

Flow velocity v / m s⁻¹

Parameters

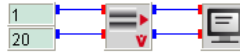
- 1

Channel area A / m²

Strings

None

vout.vseit



An outlet of 1 m^2 is simulated for a pressure drop of 1 Pa and an air temperature of 20°C , as defined by two [CONST](#) blocks.

The resulting volume flow and flow velocity are displayed by a [SCREEN](#) block.

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