Correction to: The volume-based properties for dimensional analysis of micro heat exchanger

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In the original publication of the article, under the heading, “Dimensional analysis of volumetric Properties” the dimensions of five principal parameters were incompletely published. Out of 5 parameters, the dimension of only 2 parameters were published, while the dimension of volumetric heat transfer coefficient, λ , and ΔT were omitted inadvertently. The corrected dimensions of five principal parameters are given below:

The dimensions of five principal parameters in the form of recurring parameters are expressed as:

$$\begin{aligned}[h_v] &= M/L \cdot T^3 \cdot \Theta = [k/D_h^2] & [\Delta T] &= \Theta = [\rho \cdot u^3 \cdot D_h/k] \\ [\lambda] &= 1/L = [1/D_h] & [c_p] &= L^2/\Theta \cdot T^2 = [k/\rho \cdot u \cdot D_h] \\ [\mu] &= M/T \cdot L = [\rho \cdot u \cdot D_h]\end{aligned}$$

The original article has been corrected.

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