

Conduction Annulus Heat Transfer Coefficient @model

Mathematical model of [Heat Transfer Coefficient](#) in the [annulus](#) without convection is given as:

(1)
$$U = \frac{2 \lambda}{d_{in} \cdot \ln(d_{out}/d_{in})}$$

where

λ	thermal conductivity of the annulus media
d_{in}	inner pipe
d_{out}	outer pipe

See also

[Physics](#) / [Thermodynamics](#) / [Heat Transfer](#) / [Heat Transfer Coefficient \(HTC\)](#) / [Heat Transfer Coefficient \(HTC\) @model](#)