

### Typical Ranges of Convective Heat Transfer Coefficients

Type of Convection	$h, W/m^2 \cdot K$
Free convection of gases	5 – 25
Free convection of liquids	10 – 1000
Forced convection of gases	25 – 250
Forced convection of liquids	50 – 20,000
Boiling and condensation	2500 – 100,000