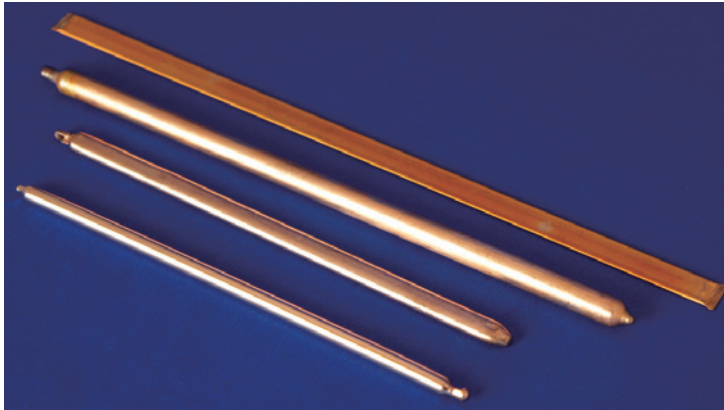
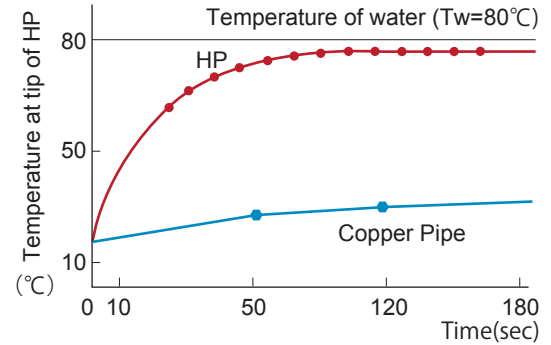


# Heat Pipe

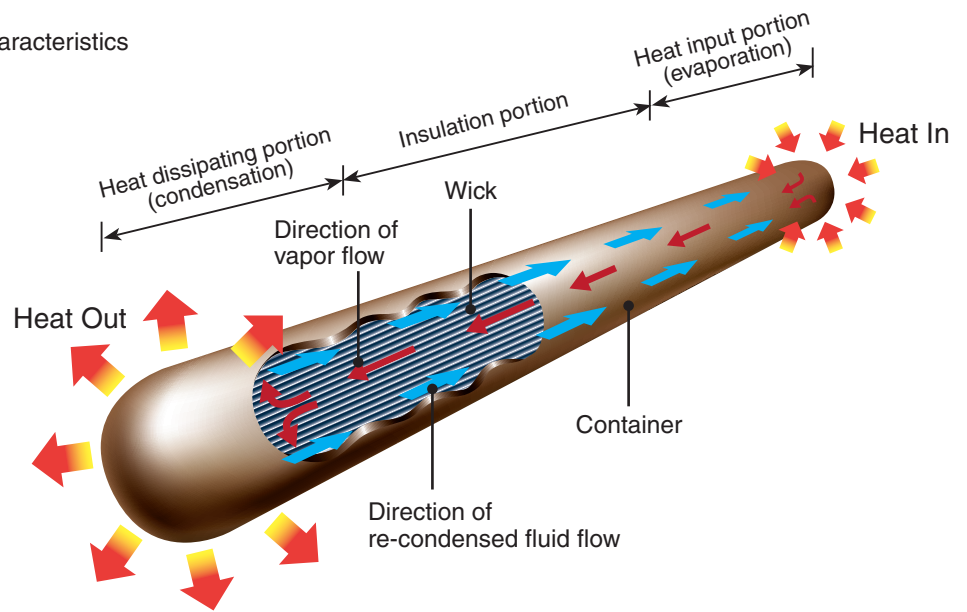
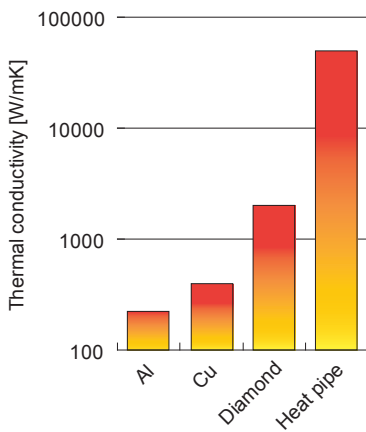


Thermal response characteristics of heat pipe(HP)



**Heat Pipe Features:**

- High thermal conductivity(1000 times greater than silver)
- Rapid thermal response
- Uniform temperature distribution Characteristics
- Lightweight
- Variable heat flux
- High reliability
- Maintenance-free



Inner Structure	Cross Section View	Pipe Diameter (mm)	Characteristics
Groove Wick		3,4,5,6,8	Long time reliability
Sintered Wick		4,5,6,8	Orientation friendly (Top heat solution)
Thinner Sintered Wick		5,6,8	Thinner thickness with higher heat transfer rate
Hybrid Wick		6,8	Higher heat transfer rate than other heat pipes with same diameter
Mesh Wick (t<1mm)		2,5,6	Ultra thin thickness, under 1.0mm