

CP - Feb 14



CLT - Describe Heat transfer and how to minimize losses.

1. Conduction
Heat transfer by touching
example hand touches a hot light bulb

2. Convection
less dense fluids float/rise
more dense fluids sink

3. Radiation

Heat transfer by Infrared Radiation (Heat light).

- from Sun
- Molecules/matter not required
- Camp fire

How to minimize
Heat transfer by ...

Conduction

Put a layer between
the hot thing (pizza stone) and
your hands. Insulator... oven
mitts