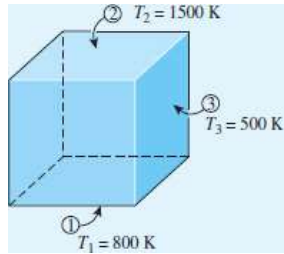


4.4.3 Radiation Exchange

EP#4.3--Solution



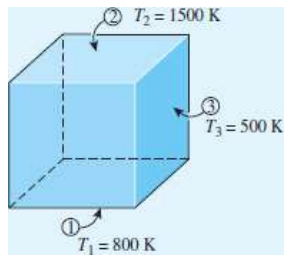
- The geometry involves six surfaces, and thus we may be tempted at first to treat the furnace as a six-surface enclosure.
- However, the four side surfaces possess the same properties, and thus we can treat them as a single side surface in radiation analysis.
- We consider the base surface to be surface 1, the top surface to be surface 2, and the side surfaces to be surface 3.

Jan 27, 2019

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