

## Chapter8\_example1

The volumetric thermal expansion coefficient is  $0.00172/\text{degree R}$

The Grashof number is  $2.00\text{e}+08$

The convection coefficient is  $1.10 \text{ BTU}/(\text{hr}.\text{sq}.\text{ft}.\text{degree R})$

The heat transferred is  $616 \text{ BTU/hr}$