







The Rayleigh number criterion

$$R_{a} = \frac{g \alpha \Delta T h^{3}}{\kappa v} > Ra_{c} = 657$$
h
 α is the cubical coefficient of expansion of the fluid
 κ is the thermal conductivity
 v is the kinematic viscosity
0
The Rayleigh number is ratio of the gross buoyancy force that
drives the overturning motion to the two diffusive processes
that retard or prevent it.



































