

Homework 2

Using the psychrometric chart available on the course website as a background, plot and illustrate the following two zones using 8.5x11 format.

1. Comfort zone:

Temp Limits: 70 degrees - 82 degrees

Relative Humidity Limits: 20% - 80%

Specific Volume: 13.9

2. Comfort zone extended with natural and/or mechanical ventilation:

Temp Limits: 70 degrees - 90 degrees

Relative Humidity Limits: 20% - 95%

Specific Volume: 14.2