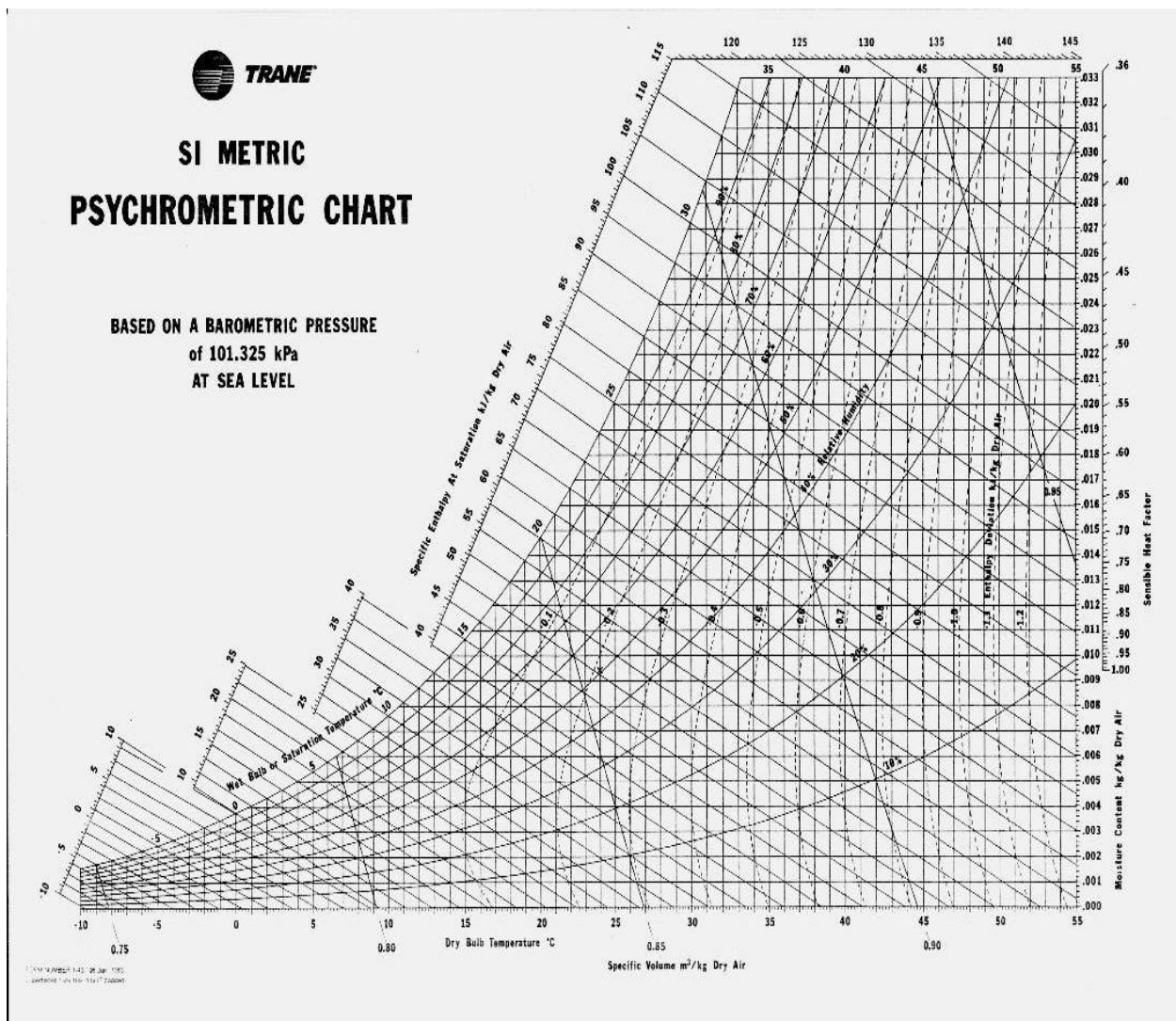
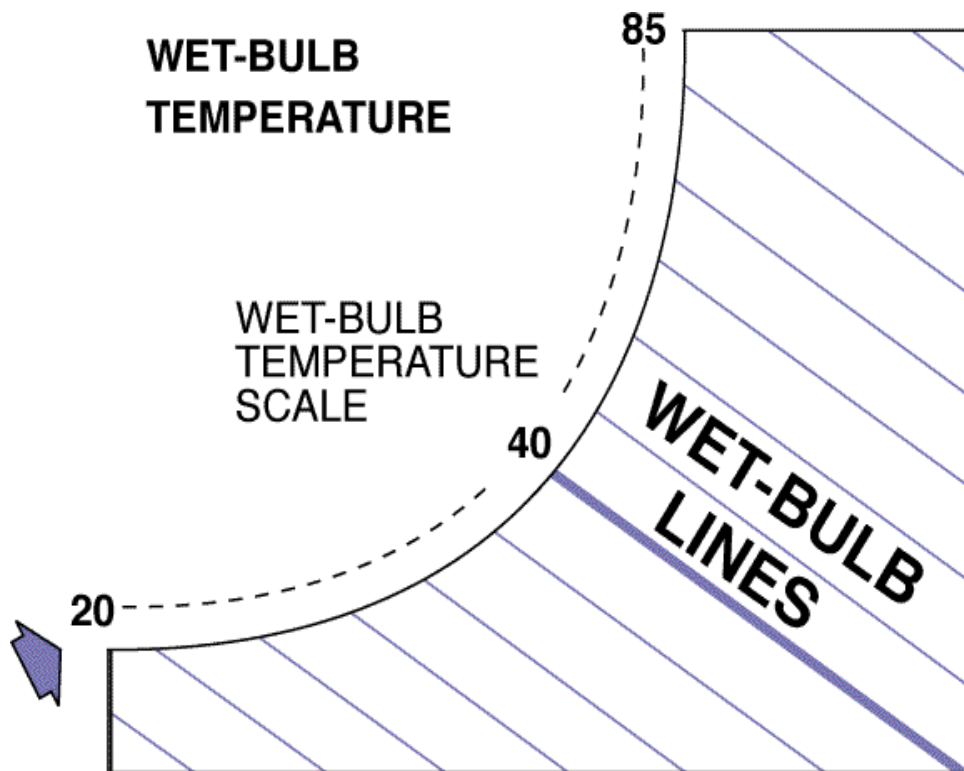
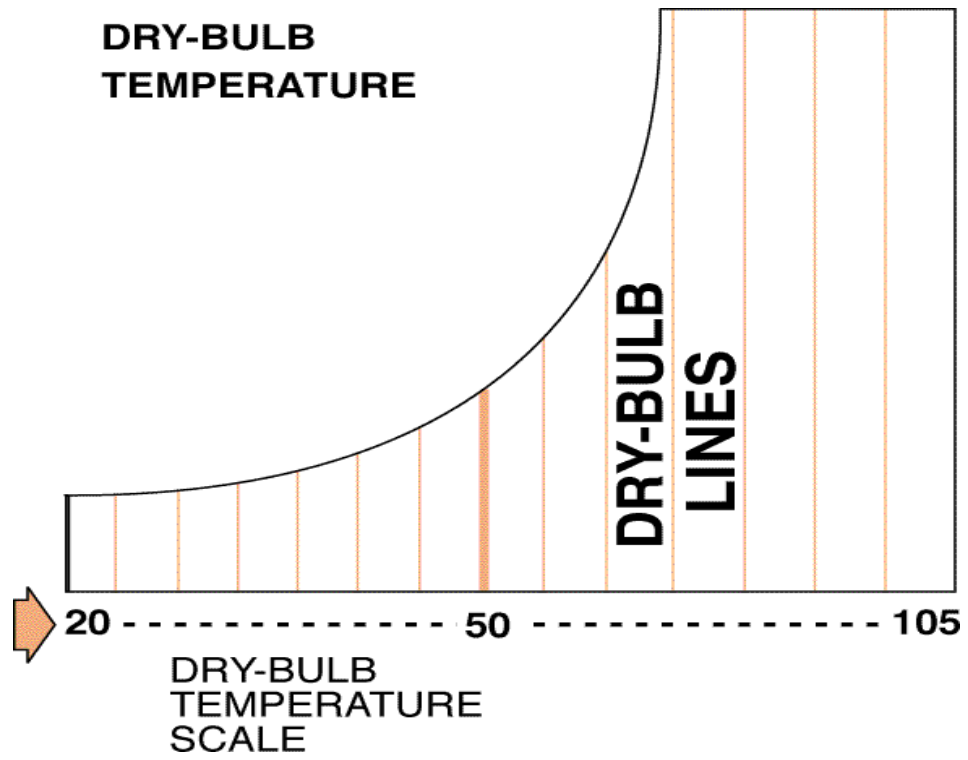


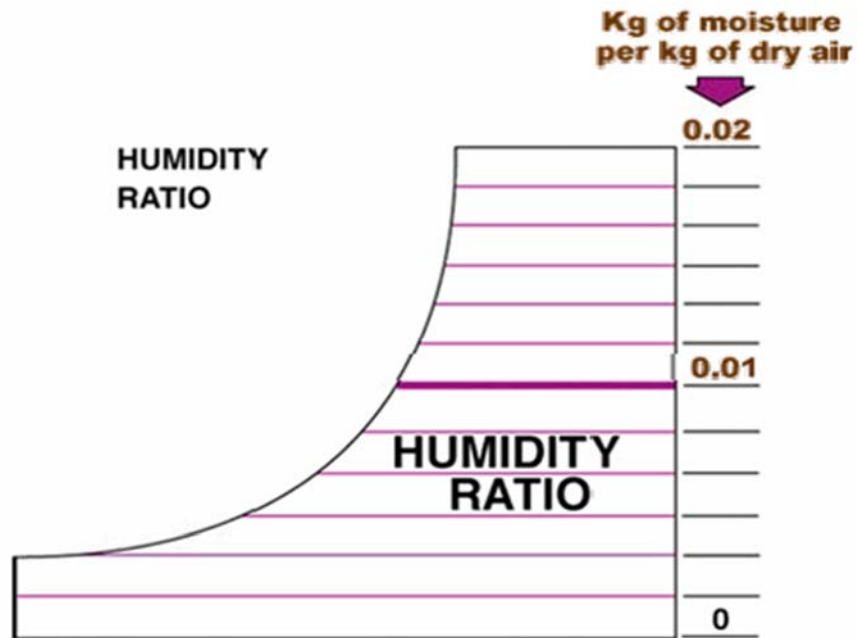
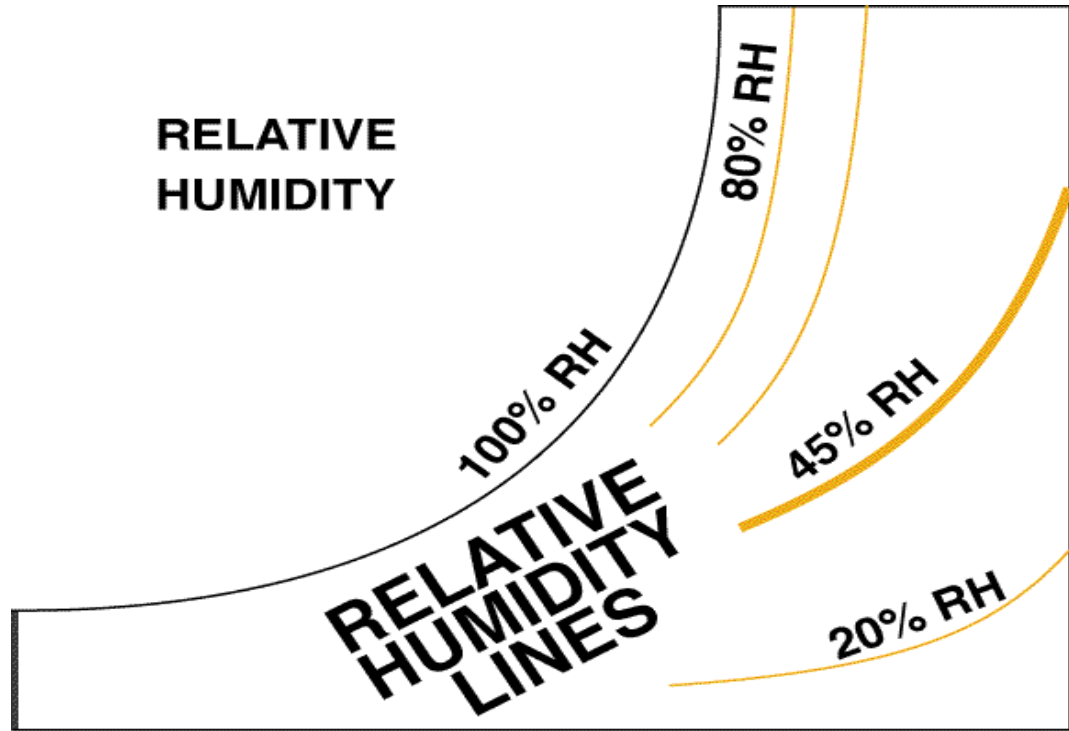
## Topic- Psychrometric Process>

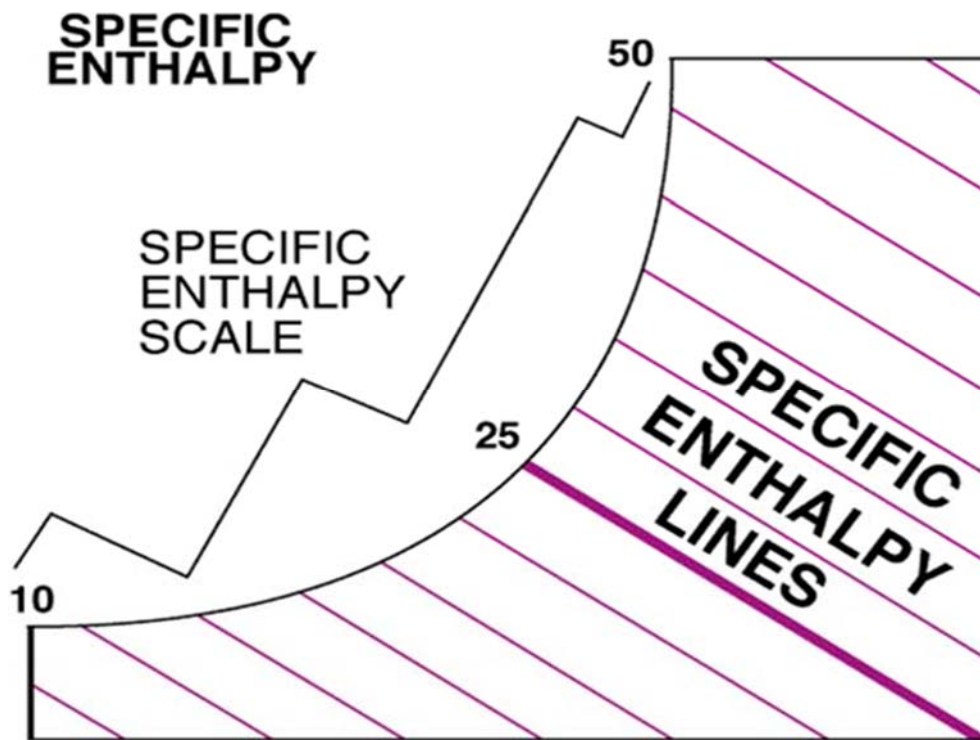
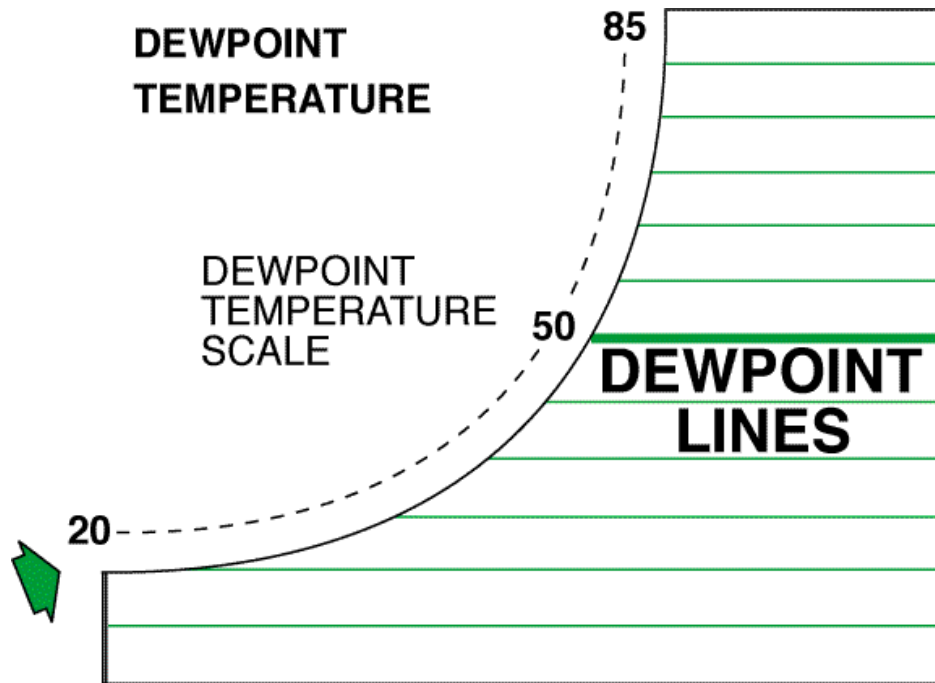
### PSYCHROMETRIC CHART

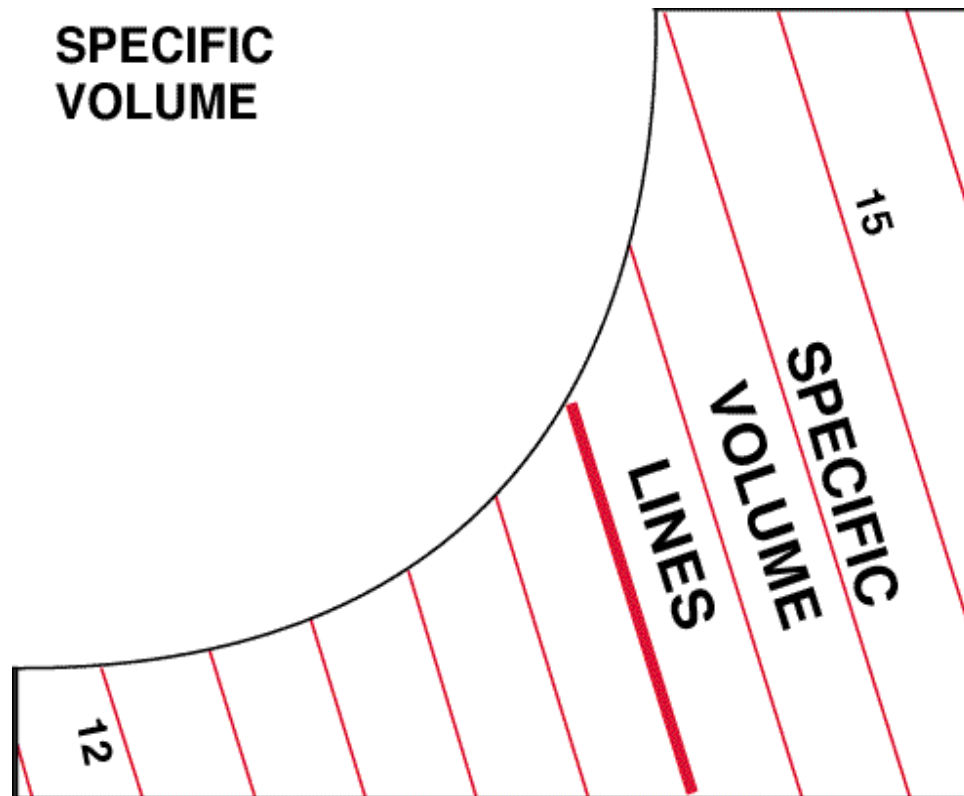
- >Identify parts of the chart
- >Determine moist air properties
- >Use chart to analyze processes involving moist air









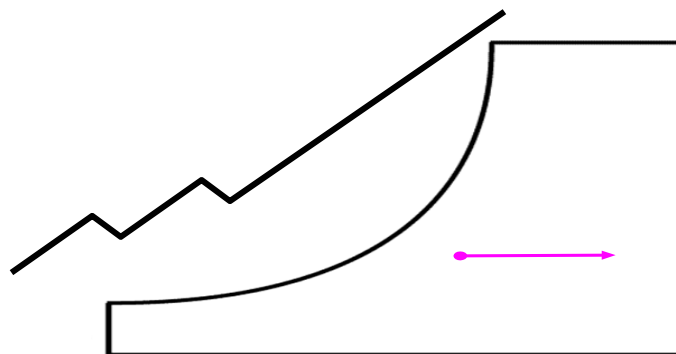


**PSYCHROMETRIC PROCESSES>**

**Sensible Heating or Cooling>**

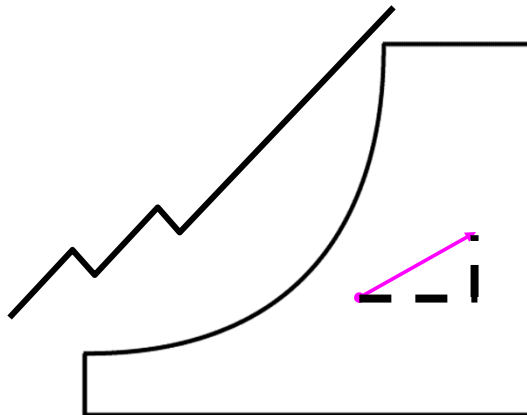
a psychrometric process that involves the increase or decrease in the temperature of air without changing its humidity ratio.

Example: passing moist air over a room space heater and of kiln air over the heating coils.



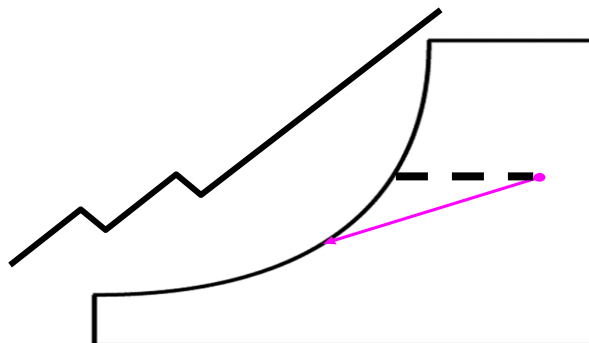
### Heating and Humidifying>

a psychrometric process that involves the simultaneous increase in both the dry bulb temperature and humidity ratio of the air.



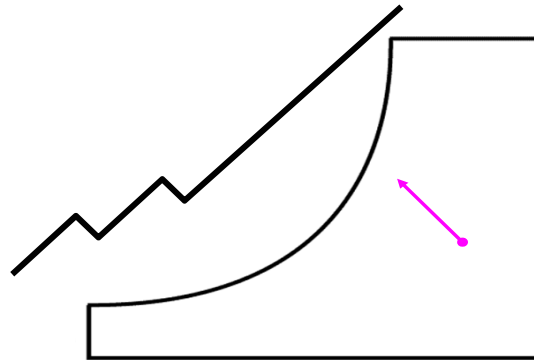
### Cooling and Dehumidifying>

a psychrometric process that involves the removal of water from the air as the air temperature falls below the dew- point temperature.



### Adiabatic or Evaporative Cooling>

a psychrometric process that involves the cooling of air without heat loss or gain. Sensible heat lost by the air is converted to latent heat in the added water vapor



### Adiabatic Mixing of Moist Air Stream>

A psychrometric process that involves no net heat loss or gain during the mixing of two air streams.

