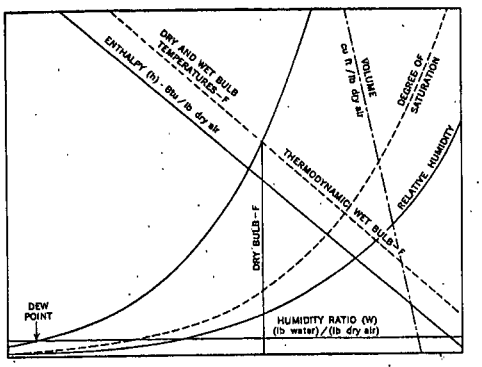
A. S. H. V. E.
PSYCHROMETRIC CHART

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STANDARD ATMOSPHERIC PRESSURE
29.921 IN. HG.



ENTHALPY-HUMIDITY DIFFERENCE RATIO

$$\frac{h_2-h_1}{W_2-W_1} = \frac{\text{Btu / (lb dry air)}}{\text{(lb water) / (lb dry air)}}$$

$$\text{DEGREE OF SATURATION} = \frac{\text{HUMIDITY RATIO}}{\text{HUMIDITY RATIO AT SATURATION}}$$

$$\text{RELATIVE HUMIDITY} = \frac{\text{MOL FRACTION OF WATER VAPOR IN MOIST AIR}}{\text{MOL FRACTION AT SATURATION}}$$

ENTHALPY - BTU PER POUND DRY AIR

ENTHALPY - DEVIATION - BTU PER POUND DRY AIR

DRY BULB TEMP