PSYCHROMETRIC CHART
Normal Temperature
I-P Units
SEA LEVEL
BAROMETRIC PRESSURE: 29.921 in. HG

Total Cooling (Btu/h) = Q x 4.5 x (h₁ - h₂)
Sensible Cooling (Btu/h) = Q x 1.1 x (t₁ - t₂)
Latent Cooling (Btu/h) = Q x 4840 x (w₁ - w₂)
Evaporative Heat Loss (Btu/h) = 10.5 x A x (t₂ - t₃)
Q = Air Volumetric Flow (Standard) = cfm
h = Enthalpy = Btu/lb
t = Air or Water Temperature (Dry Bulb) = Degrees F
w = Humidity Ratio = lb. water / lb. dry air
A = Pool Area = ft²