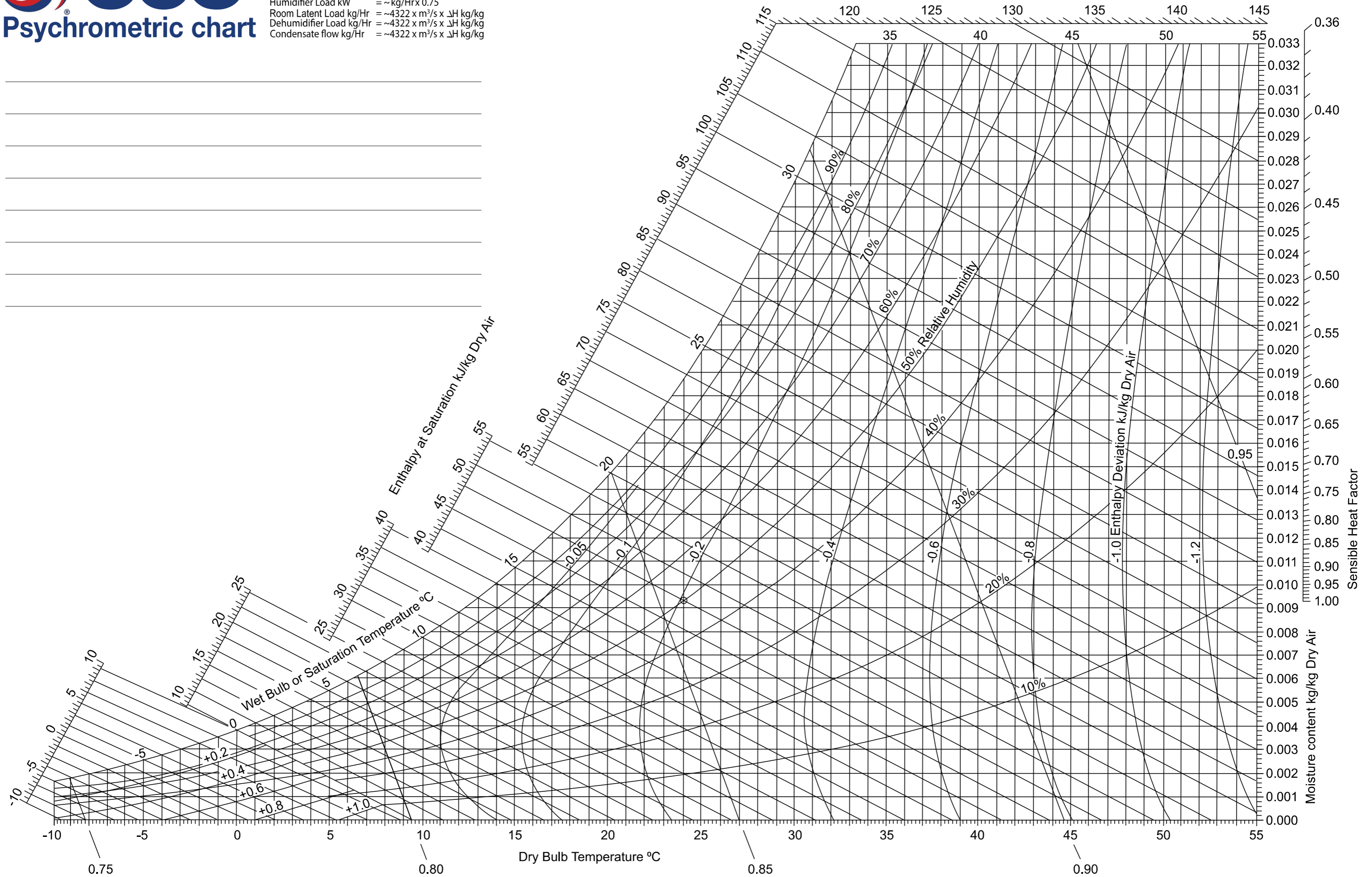




Cooler Load kW = $\sim 1.2 \times \text{m}^3/\text{s} \times \Delta E \text{ kJ/kg}$
 Heater Load kW = $\sim 1.22 \times \text{m}^3/\text{s} \times \Delta t \text{ }^\circ\text{C}$
 Room Sensible Load kW = $\sim 1.22 \times \text{m}^3/\text{s} \times \Delta t \text{ }^\circ\text{C}$
 Humidifier Load kg/Hr = $\sim 4322 \times \text{m}^3/\text{s} \times \Delta H \text{ kg/kg}$
 Humidifier Load kW = $\sim \text{kg/Hr} \times 0.75$
 Room Latent Load kg/Hr = $\sim 4322 \times \text{m}^3/\text{s} \times \Delta H \text{ kg/kg}$
 Dehumidifier Load kg/Hr = $\sim 4322 \times \text{m}^3/\text{s} \times \Delta H \text{ kg/kg}$
 Condensate flow kg/Hr = $\sim 4322 \times \text{m}^3/\text{s} \times \Delta H \text{ kg/kg}$

All data at a barometric pressure of 1013.25 mbar



Below 0°C Properties and Enthalpy Deviation Line are for Ice

Volume m^3/kg Dry Air