

**Errata to  
Fundamentals of Psychrometrics (I-P), Second Edition  
(2016)**

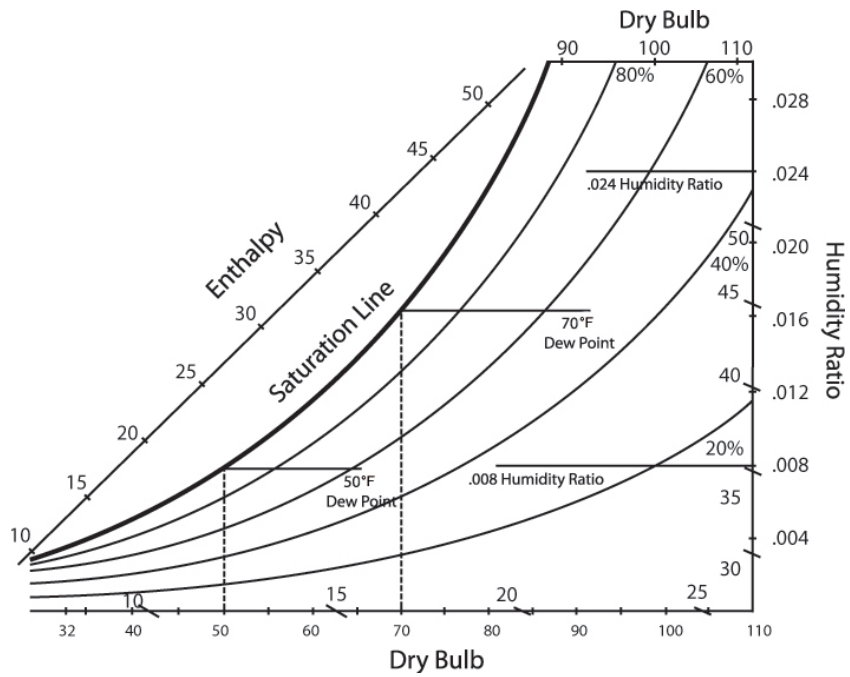
**December 4, 2017**

*Shaded items have been added since the previously published errata sheet dated March 22, 2016.*

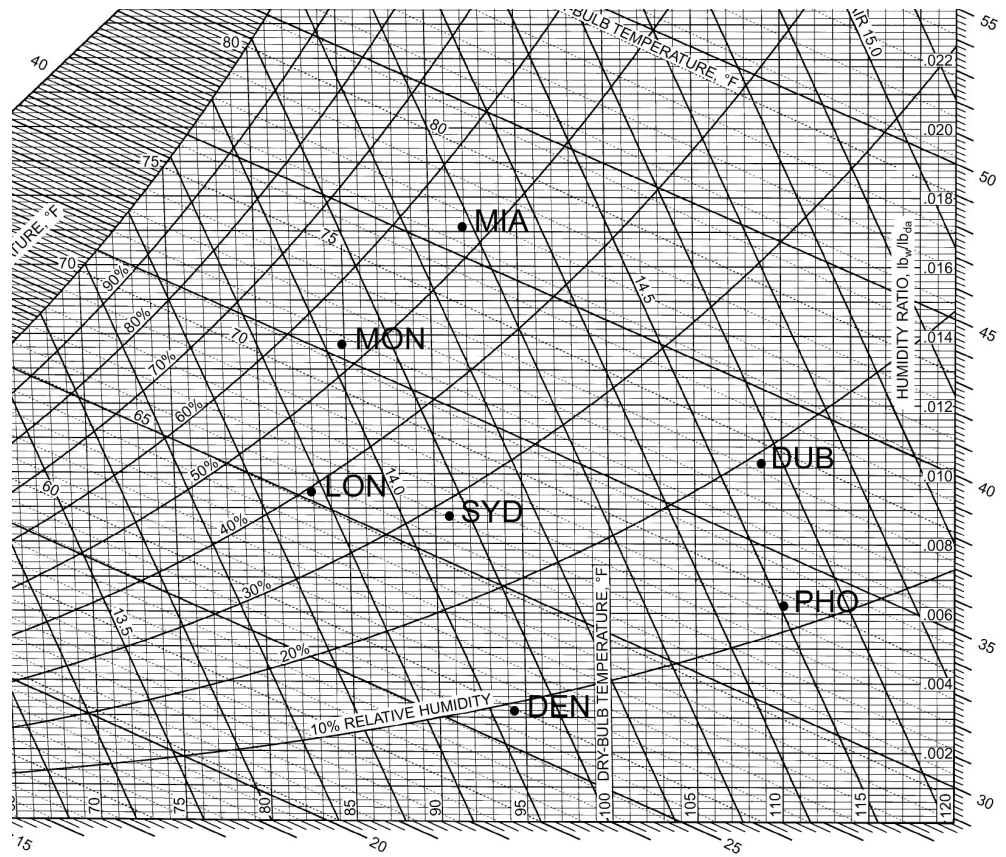
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- Page 13:** Figure 3-2 erroneously showed dew-point values as percentages instead of temperatures. Please replace Figure 3-2 with the corrected figure included at the end of this errata sheet.
- Pages 16–17:** The bulleted list of cities under the Climatic Design Information heading includes cities no longer included in Appendix C. Please replace the current list with the following:
- Miami, Florida, USA
  - Phoenix, Arizona, USA
  - Denver International Airport, Colorado, USA
  - Sydney Airport, Australia
  - Montreal, Mirabel, Quebec, Canada
  - Dubai, United Arab Emirates
  - London, Heathrow, UK
- Page 17:** A version of Figure 3-5 was published that includes cities no longer included in the Climatic Design Information in Appendix C. Please replace Figure 3-5 with the corrected figure included at the end of this errata sheet.
- Page 19** Question 3-10 reads “Using the psychrometric chart in Figure 3-4, plot the points  $t_{db} = 70^{\circ}\text{F}$ ,  $h = 30$ , and  $t_{wb} = 50^{\circ}\text{F}$ , then connect the points with a line. Upon investigation of the line, which of the following is the best description?” but it should read “Using the psychrometric chart in Figure 3-4, plot the points  $t_{db} = 70^{\circ}\text{F}$ ,  $h = 30$ , and  $t_{db} = 70^{\circ}\text{F}$ ,  $t_{wb} = 50^{\circ}\text{F}$ , then connect the points with a line. Upon investigation of the line, which of the following is the best description?”
- Page 26:** In the last line on the page, the last sentence begins “We move upward and left on the  $60^{\circ}\text{F}$  wet-bulb line the...” but should read “We move upward and left on the  $63^{\circ}\text{F}$  wet-bulb line the....”
- Page 28:** In the last line on the page, the details read “ $70^{\circ}\text{F}$  db,  $\phi = 50\%$  rh,  $h = 27.7$  Btu/lb<sub>da</sub>” but should read “ $75^{\circ}\text{F}$  db,  $\phi = 50\%$  rh,  $h = 27.7$  Btu/lb<sub>da</sub>”.



**Figure 3-2** Plotting intersection of dew-point temperature on the psychrometric chart.



**Figure 3-5** Climatic design information plotted on the psychrometric chart (detail).

**Page 85:**

Question 8-2, answer (c) reads “When the exhaust airstream has a dew point above 32°F and the leaving air temperature is below 32°F.” but should read “**(c) When the exhaust airstream from the building drops below 32°F.**”

**Page 97:**

Question 9-3 reads “What is the cooling tower approach temperature for the cooling tower in Exercise 9-2?” but should read “What is the cooling tower approach temperature for the cooling tower in Exercise **9-1 and 9-2?**”