

**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.

- 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°F wet-bulb line the...” but should read “We move upward and left on the 63°F wet-bulb line the...”
- Page 28:** In the last line on the page, the details read “ 70°F db, $\phi = 50\%$ rh, $h = 27.7$ Btu/lb_{da}” but should read “ 75°F db, $\phi = 50\%$ rh, $h = 27.7$ Btu/lb_{da}”.

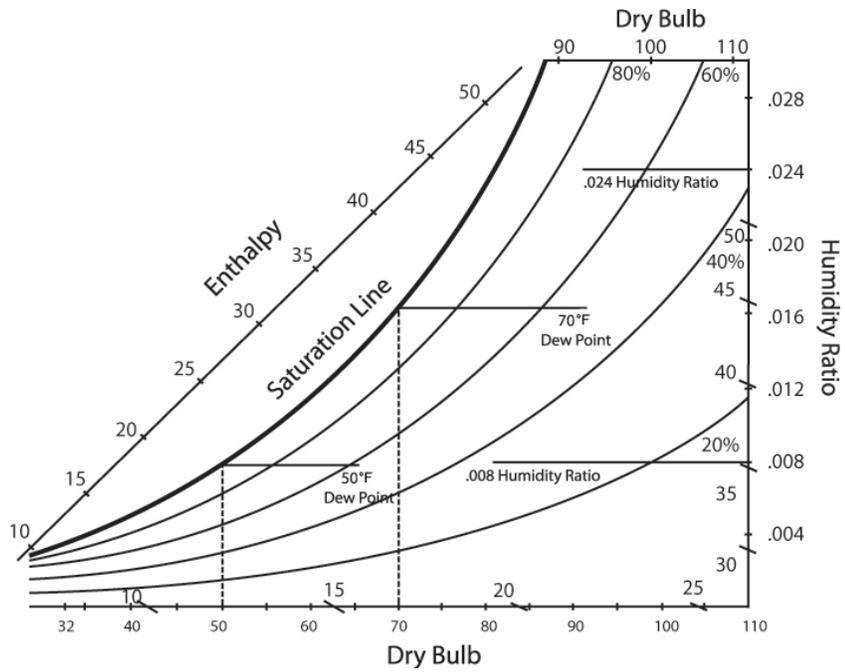


Figure 3-2 Plotting intersection of dew-point temperature on the psychrometric chart.

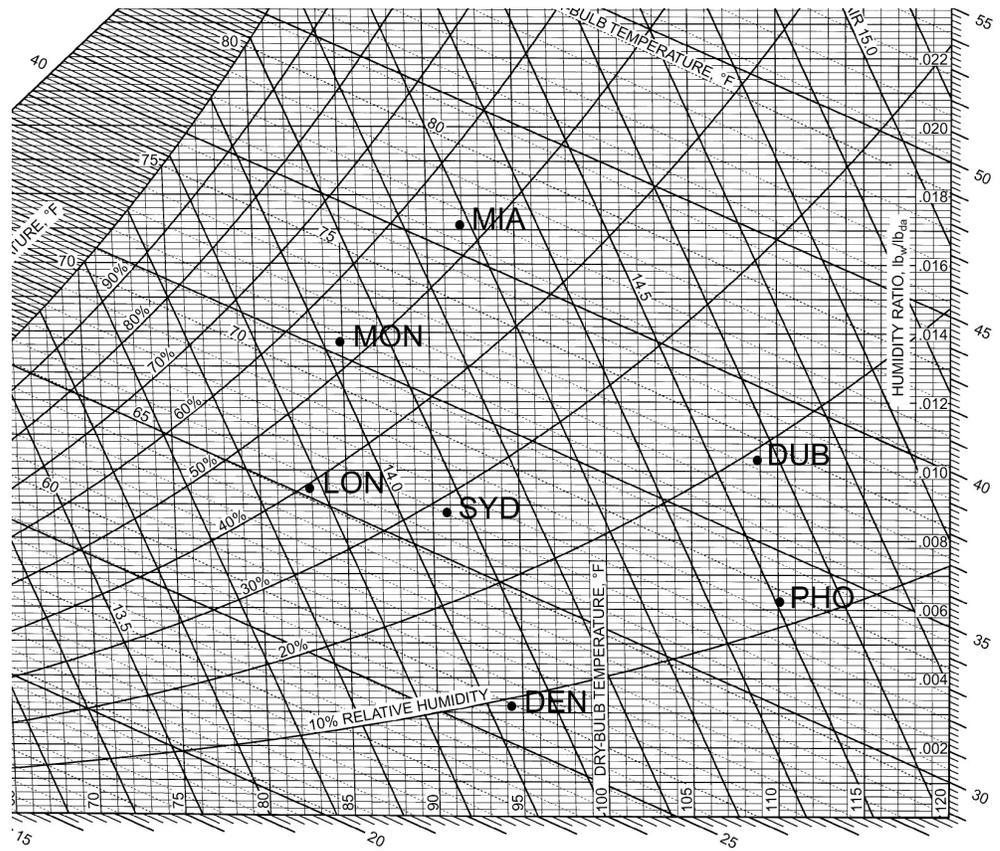


Figure 3-5 Climatic design information plotted on the psychrometric chart (detail).

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?**”