Errata for
Understanding Psychrometrics, Second Ed. (Gatley 2005)
10-05-05

p. 16. After "Table 3-2 identifies the constituents of the gas *water vapour* and the calculation of its molecular mass," insert Table 3-2:

Table 3-2—Composition of Water Vapour

Substance	Atoms	Atomic Mass	Molecular Mass
Hydrogen (H_2)	2	1.00794	2.01588
Oxygen (O)	1	15.9994	15.99940
Total			18.01528

Errata for
***Understanding Psychrometrics*, Second ed. (Gatley 2005)**
2-7-06

p. 319, Table 6:
"*h* = 0 m" should be "Altitude = 0 m"

p. 319, Table 7:
"*h* = 1500 m" should be "Altitude = 1500 m"

p. 320, Table 8:
"*h* = 300 m" should be "Altitude = 3000 m"

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***Understanding Psychrometrics*, Second ed.**
(Gatley 2005)
4-4-06

p. 367–378: Incorrect page references listed in the index have been corrected. The complete, correct index follows.

Index

A

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H

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Errata for
***Understanding Psychrometrics*, Second ed. (Gatley 2005)**
4-5-06

p. 307, Table 2:

In the fourth column (B_{aa}), the value for 80°C should be changed from "71.97" to "0.7197."

p. 331, Table A6-1:

In the second column of Table 6A-1, the variables should be changed

from	to
Ws	W_s
vda	v_{da}
vas	v_{as}
vs	v_s
hda	h_{da}
has	h_{as}
hs	h_s
sda	s_{da}
sas	s_{as}
ss	s_s
hw	h_w
sw	s_w
ps	p_s

p. 331, Table A6-1:

In the footnote of Table A6-1, the variables "*has*," "*hs*," and "*ss*" should be changed to "h_{as}," "h_s," and "s_s."

p. 332:

The value for M_{H2O} should be changed from "18.01645 kg/mol" to "18.01528 kg/mol."

p. 328:

The following text should be added:

A NOTE ON THE PSYCHROMETRIC CHARTS ON THE SUPPLEMENTAL CD
Zero Specific Enthalpy Reference

Ultrahigh temperature psychrometric charts IP-6, IP-7, IP-8, and IP-9 are slightly different from other ASHRAE I-P charts in that the reference temperature for zero specific enthalpy of both the dry air and liquid water components is 32°F. All other I-P charts use 0°F as the zero enthalpy reference temperature for the dry air component and 32°F as the zero enthalpy reference temperature for liquid water. Enthalpy differences between two statepoints on these charts are accurate. Users who desire consistency with other I-P charts can convert an IP-6, IP-7, IP-8, or IP-9 chart individual statepoint specific enthalpy value to a 0°F dry air component reference by adding 7.68695 Btu/lb_{da} to the value from the chart.