ERRATA SHEET FOR ANSI/ASHRAE STANDARD 206-2013
Method of Testing for Rating of Multipurpose Heat Pump for
Residential Space Conditioning and Water Heating

September 10, 2014

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 206-2013. The first printing is identified on the outside back cover as “Product code: 86635  8/13”. The shaded items have been added since the previously published errata sheet dated March 26, 2014 was distributed.

<table>
<thead>
<tr>
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<th>Erratum</th>
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<tbody>
<tr>
<td>29-39</td>
<td>Tables 10.5a through 10.7c. In the Water Test column of Tables 10.5a through 10.7c for Operating Modes D and E change “Table 10.8” to “None”.</td>
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<tr>
<td>31</td>
<td>Table 10.5c Single Capacity Direct GeoExchange Systems. In the Required/Optional column of Table 10.5c for Operating Modes D and E change “Conditional/Optional (F)” to “Conditional/Optional (D).”</td>
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<tr>
<td>37</td>
<td>Sections 10.8.1.2.1 and 10.8.1.3. Renumber Section 10.8.1.2.1 as 10.8.1.3 and renumber the current Section 10.8.1.3 as 10.8.1.4 as shown below. (Note: Additions are shown in underline and deletions are shown in strikethrough.)</td>
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</table>

**10.8.1.3 10.8.1.2.1** A water draw is imposed until the appliance initiates water heating, either from a resistive element or refrigerant-to-water heat exchange. A draw of not less than 42 L (or 41 kg) [11 gal (or 90 lb)] shall be imposed. Water shall be removed at a rate of 11.4 ± 1.0L/s (3.0 ± 0.25 gpm) while the make-up water temperature is maintained within 14.4°C ± 1.1°C (58°F ± 2°F). Once water heating is initiated, or 42 L (or 41 kg) [11 gal (or 90 lb)] has been drawn, the water draw is terminated, and the water heater is allowed to fully recover.

**10.8.1.4 10.8.1.3** Beginning 10 minutes (minutes) after the water heater is fully recovered, a series of water draws, at a rate of 11.4 ± 1.0L/s (3.0 ± 0.25 gpm) while the make-up water temperature is maintained within 14.4°C ± 1.1°C (58°F ± 2°F), are imposed as outlined in Table 10.9.

| 37 | Table 10.7a Variable Capacity Air-Source Systems. Replace the footnotes for Table 10.7a with the footnotes below. |

(A) Heating and/or cooling tests not required if heating and/or cooling portion respectively of the mode does not exist.
(B) Tests not required if the mode does not exist.
(C) Values shown are original suggested values, refer to applicable AHRI standards or federal rules and regulations for updated values.
(D) For units that reject condensate to the outdoor condenser coil.
(E) Wet bulb at least ≤13.9°C (≤57.0°F) and sufficiently low so that no condensate forms on the evaporator coil.
(F) Mode A Cd values used for all other modes.
(G) Mode A defrost degradation percentage used for all other heating modes.
(H) Compressor speed = k1+ (k2 – k1)/3.
(I) Default value of 0.25 used for Cd if tests are not performed.
(J) See Section 11.8.4.4.1 for explanation.
(K) Compressor speed = k1+ (d2 – k1)/3.
(L) See Section 11.7.4.4.1 for explanation.
(M) Test required if maximum compressor speed in heating exceeds the maximum compressor speed in cooling, see Section 11.8.2.2 for explanation.
(N) Compressor speeds k = 2 for Mode B do not have to be the same as for k = 2 Mode A.