ERRATA SHEET FOR
ANSI/ASHRAE STANDARD 30-2019
Method of Testing Liquid Chillers

January 15, 2020

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 30-2019. The first printing of 30-2019 is identified as “Product Code: 86087 5/19” on the outside back cover

Page 8 5.4.4.2. In both the equation and the table header, correct the variable symbol for pipe roughness to be the lower-case Greek letter epsilon. Change $\in$ to $\varepsilon$ as shown below.

(Note: Additions are shown in underline and deletions are shown in strikethrough.)

$$f = \frac{0.25}{\left[ \log_{10} \left( \frac{\varepsilon / d}{3.7} + \frac{5.74}{Re^{0.9}} \right) \right]^2}$$

<table>
<thead>
<tr>
<th>Commercial Pipe, New Condition</th>
<th>$\varepsilon$ (rms)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ft</td>
</tr>
<tr>
<td>Steel</td>
<td>1.8$\times$10$^{-4}$</td>
</tr>
<tr>
<td>Plastic</td>
<td>6.0$\times$10$^{-6}$</td>
</tr>
</tbody>
</table>