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 Erratum

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 \subseteq to ε as shown below. (*Note: Additions are shown in <u>underline</u> and deletions are shown in <u>strikethrough</u>.)*

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

Commercial Pipe,	€ ε (rms)	
New Condition	ft	m
Steel	1.8×10^{-4}	5.5×10^{-5}
Plastic	6.0×10^{-6}	1.8×10^{-6}