

**ERRATA SHEET FOR
ANSI/ASHRAE STANDARD 184-2016
Method of Test for Field Performance of Liquid-Chilling Systems**

October 2, 2017

The corrections listed in this errata sheet apply to all copies of ANSI/ASHRAE Standard 184-2016. The first printing is identified on the outside back cover as “Product code: 86374 11/16”.

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| 38 | Table D-1 Basic Instrumentation Types and Accuracy Considerations. Make the following corrections to Table D-1 as shown in the attached.
<i>(Note: Additions are shown in <u>underline</u> and deletions are shown in striketrough.)</i> |
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TABLE D-1 Basic Instrumentation Types and Accuracy Considerations

Point Description	Instrument Range	Sensor Type/ Calculation Method	Target End-to-End Accuracy (% of reading unless noted)	Resolution
Power Measurement				
<i>Chiller power</i>	25% - 110% of expected value	True root mean square (rms) three phase; integrated or hand held; analog output or networked power meter	± 1.0%	0.1 kW
Flow Measurement				
Chilled/condenser water flow	25% - 110% of expected value		±1.0% (±1 to 15 ft/min)	1 gpm (3.79 lpm) (1 L/min)
Temperature Measurement				
Chilled-water return	38°F to 60°F <u>38.00°F to 60.00°F</u> (3.33°C to 15.56°C)	Thermistor or resistance temperature device (RTD)	±0.2°F (±17.67°C) <u>±0.20°F</u> (<u>±0.11°C</u>)	±0.01°F (±17.77°C) (<u>±0.01°C</u>)
Chilled-water supply	38°F to 60°F <u>38.00°F to 60.00°F</u> (3.33°C to 15.56°C)	Thermistor or resistance temperature device (RTD)	±0.2°F (±17.67°C) <u>±0.20°F</u> (<u>±0.11°C</u>)	±0.01°F (±17.77°C) (<u>±0.01°C</u>)
Condenser water entering	55°F to 90°F <u>55.00°F to 90.00°F</u> (12.78°C to 32.22°C)	Thermistor or resistance temperature device (RTD)	±0.2°F (±17.67°C) <u>±0.20°F</u> (<u>±0.11°C</u>)	±0.01°F (±17.77°C) (<u>±0.01°C</u>)
Condenser water leaving	55°F to 100°F <u>55.00°F to 100.00°F</u> (12.78°C to 37.78°C)	Thermistor or resistance temperature device (RTD)	±0.2°F (±17.67°C) <u>±0.20°F</u> (<u>±0.11°C</u>)	±0.01°F (±17.77°C) (<u>±0.01°C</u>)
Ambient dry-bulb temperature	32°F to 110°F (0 to 43.33°C) <u>32.00°F to 110.00°F</u> (0.00°C to 43.33°C)	In weather station; fully shaded location or ventilated enclosure	±0.3°F (±17.61°C) <u>±0.30°F</u> (<u>±0.17°C</u>)	±0.01°F (±17.77°C) (<u>±0.01°C</u>)
Ambient wet-bulb temperature	20°F to 85°F <u>20.00°F to 85.00°F</u> (-6.67°C to 29.44°C)	In weather station in fully shaded location or ventilated enclosure	±0.3°F (±17.61°C) <u>±0.30°F</u> (<u>±0.17°C</u>)	±0.01°F (±17.77°C) (<u>±0.01°C</u>)
Pressure Measurement				
Atmospheric Pressure	29.00 to 31.00 in. Hg (98.21 to 104.98 kPa)	Local Weather Station	±0.3 in. Hg (0.10 kPa) <u>±1.0%</u>	±0.01 in Hg (0.04 kPa) <u>±0.01 in. Hg</u> (<u>±0.01 kPa</u>)