

## WEATHER DATA

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## STANDARDS

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### ASHRAE Standards Binder

Price: \$20.00 (ASHRAE Member: \$20.00)  
Product code: **86998**

### Standard 15-2016, Safety Standard for Refrigeration Systems (packaged w/ Standard 34-2016, Designation and Classification of Refrigerants)\* **NEW!**

Price: \$112.00  
(ASHRAE Member: \$95.00)  
Product code: **86020**

### Standard 16-2016, Method of Testing for Rating Room Air Conditioners, Packaged Terminal Air Conditioners, and Packaged Terminal Heat Pumps for Cooling and Heating Capacity\* **NEW!**

Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86313**

### Standard 17-2015, Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86032**

### Standard 18-2008 (RA 2013), Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86034**

### Standard 20-1997 (RA 2016), Method of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers\* **NEW!**

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86084**

### Standard 22-2014, Methods of Testing for Rating Water-Cooled Refrigerant Condensers\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86040**

### Standard 23.1-2010, Methods of Testing for Rating the Performance of Positive Displacement Refrigerant Compressors and Condensing Units That Operate at Subcritical Temperatures\*

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86051**

### Standard 23.2-2014, Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86053**

### Standard 24-2013, Methods of Testing for Rating Liquid Coolers\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86075**

### Standard 25-2001 (RA 2016), Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86731**

### Standard 26-2010, Mechanical Refrigeration and Air-Conditioning Installations aboard Ship\*

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86055**

### Standard 28-1996 (RA 2010), Method of Testing Flow Capacity of Refrigerant Capillary Tubes\*

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86072**

### Standard 29-2015, Method of Testing Automatic Ice Makers\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86115**

### Standard 30-1995, Methods of Testing Liquid-Chilling Packages\*

Price: \$19.00 (ASHRAE Member: \$16.00)  
Product code: **86074**

### Standard 32.1-2010, Methods of Testing for Rating Vending Machines for Bottled, Canned and Other Sealed Beverages\*

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86071**

### Standard 32.2-2003 (RA 2011), Methods of Testing for Rating Pre-Mix and Post-Mix Beverage Dispensing Equipment\*

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86078**

### Standard 33-2016, Methods of Testing Forced Circulation Air Cooling and Air Heating Coils\* **NEW!**

Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86083**

### Standard 34-2016, Designation and Safety Classification of Refrigerants (packaged w/ Standard 15-2016, Safety Standard for Refrigeration Systems)\* **NEW!**

Price: \$112.00  
(ASHRAE Member: \$95.00)  
Product code: **86020**

### Standard 35-2014, Method of Testing Desiccants for Refrigerant Drying\*

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86079**

### Standard 37-2009, Methods of Testing for Rating Electronically Driven Unitary Air-Conditioning and Heat Pump Equipment\*

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86094**

\*ANSI approved.

**Standard 40-2014, Methods of Testing for Rating Heat-Operated Unitary Air-Conditioning and Heat-Pump Equipment\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86112**

**Standard 41.1-2013, Standard Methods for Volatile Refrigerant Mass Flow Measurement Using Flowmeters\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86110**

**Standard 41.2-1987 (RA 1992), Standard Methods for Laboratory Airflow Measurement\***

Price: \$19.00 (ASHRAE Member: \$16.00)  
Product code: **86122**

**Standard 41.3-2014, Standard Method for Pressure Measurement\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86126**

**Standard 41.4-2015, Standard Method for Measuring the Proportion of Lubricant in Liquid Refrigerant\***

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Product code: **86113**

**Standard 41.6-2014, Standard Method for Measurement of Moist Air Properties\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86111**

**Standard 41.7-2015, Method of Test for Measurement of Flow of Gas\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86130**

**Standard 41.8-2016, Standard Methods for Liquid in Flow Measurement\* **NEW!****

Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86183**

**Standard 41.9-2011, Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants\***

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86133**

**Standard 41.10-2013, Standard Methods for Volatile Refrigerant Mass Flow Measurements Using Flowmeters\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86140**

**Standard 41.11-2014, Standard Methods for Volatile Refrigerant Mass Flow Measurements Using Flowmeters\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86124**

**Standard 51-2016, Laboratory Methods of Testing Fans for Aerodynamic Performance Rating (ANSI/AMCA Standard 210-16) **NEW!****

Price: \$90.00 (ASHRAE Member: \$77.00)  
Product code: **86119**

**Standard 52.2-2012, Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size\***

Price: \$54.00 (ASHRAE Member: \$46.00)  
Product code: **86145**

**Standard 55-2013, Thermal Environmental Conditions for Human Occupancy\***

Price: \$95.00 (ASHRAE Member: \$81.00;  
Student Member: \$39.00)  
Product code: **86179**

**Standard 55 User's Manual **NEW!****

Price: \$115.00 (ASHRAE Member: \$99.00;  
Student Member: \$52.00)  
Product code: **90129**

**Standard 58-1986 (RA 2014), Method of Testing for Rating Room Air Conditioner and Packaged Terminal Air Conditioner Heating Capacity\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86175**

**Standard 62.1-2016, Ventilation for Acceptable Indoor Air Quality\***

Price: \$99.00 (ASHRAE Member: \$84.00;  
Student Member: \$42.00)  
Product code: **86255**

**Standard 62.1 User's Manual: Based on Standard 62.1-2016, Ventilation for Acceptable Indoor Air Quality (ANSI Approved) **NEW!****

Price: \$78.00 (ASHRAE Member: \$66.00)  
Product code: **90160**

**Standard 62.2-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings\***

Price: \$64.00 (ASHRAE Member: \$54.00)  
Product code: **86198**

**Standard 62.2-2016 User's Manual **NEW!****

Price: \$60.00 (ASHRAE Member: \$57.00)  
Product code: **90153**

**Standard 63.1-1995 (RA 2001), Method of Testing Liquid Line Refrigerant Driers\***

Price: \$20.00 (ASHRAE Member: \$17.00)  
Product code: **86165**

**Standard 63.2-1996 (RA 2010), Method of Testing Liquid Line Filter Drier Filtration Capability\***

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86151**

**Standard 64-2011, Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers\***

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86173**

**Standard 68-1997, Laboratory Method of Testing to Determine the Sound Power in a Duct\***

Price: \$45.00 (ASHRAE Member: \$38.00)  
Product code: **86172**

**Standard 70-2006 (RA 2011), Method of Testing for Rating the Performance of Air Outlets and Air Inlets\***

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86185**

**Standard 72-2014, Method of Testing Commercial Refrigerators and Freezers\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86195**

**Standard 78-1985 (RA 2007), Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers\***

Price: \$24.00 (ASHRAE Member: \$20.00)  
Product code: **86207**

**Standard 79-2015, Method of Testing for Rating Fan-Coil Conditioners\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86211**

**Standard 84-2013 (RA 2016), Method of Testing Air-to-Air Heat/Energy Exchangers\* **NEW!****

Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86223**

**Standard 86-2013, Methods of Testing the Floc Point of Refrigeration Grade Oils\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86225**

\*ANSI approved.

**Standard 90.1-2010 Appendix G 2013: Performance Rating Method (Excerpt from ANSI/ASHRAE/IES Standard 90.1-2013)**

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86003**

**Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings\* (IES co-sponsored)**

Price: \$125.00 (ASHRAE Member: \$106.00; Student Member: \$53.00)  
Product code: **86267 (I-P); 86269 (SI)**

**Standard 90.1-2010 User's Manual**

Price: \$99.00 (ASHRAE Member: \$84.00)  
Product code: **90327**

**Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings\* (IES co-sponsored) **NEW!****

Price: \$140.00 (ASHRAE Member: \$119.00; Student Member: \$59.00)  
Product code: **86274 (I-P); 86276 (SI)**

**Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings\* (IES co-sponsored)**

Price: \$135.00 (ASHRAE Member: \$115.00; Student Member: \$57.00)  
Product code: **86273 (I-P); 86275 (SI)**

**Standard 90.1-2013 User's Manual**

Price: \$115.00 (ASHRAE Member: \$98.00)  
Product code: **90321**

**Standard 90.2-2007, Energy-Efficient Design of Low-Rise Residential Buildings\***

Price: \$95.00 (ASHRAE Member: \$81.00)  
Product code: **86239**

**Standard 90.4-2016, Energy Standard for Data Centers\* **NEW!****

Price: \$105.00 (ASHRAE Member: \$89.00)  
Product code: **86277**

**Standard 93-2010 (RA 2014), Methods of Testing to Determine Thermal Performance of Solar Collectors\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86250**

**Standard 94.2-2010, Method of Testing Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance**

Price: \$54.00 (ASHRAE Member: \$46.00)  
Product code: **86261**

**Standard 95-1987, Methods of Testing to Determine the Thermal Performance of Solar Domestic Water Heating Systems**

Price: \$19.00 (ASHRAE Member: \$16.00)  
Product code: **86265**

**Standard 96-1980 (RA 1989), Methods of Testing to Determine the Thermal Performance of Unglazed Flat-Plate Liquid-Type Solar Collectors**

Price: \$19.00 (ASHRAE Member: \$16.00)  
Product code: **86271**

**Standard 97-2007, Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use within Refrigerant Systems\***

Price: \$24.00 (ASHRAE Member: \$20.00)  
Product code: **86279**

**Standard 99-2006, Refrigeration Oil Description\***

Price: \$18.00 (ASHRAE Member: \$15.00)  
Product code: **86283**

**Standard 100-2015, Energy Conservation in Existing Buildings\* (IES co-sponsored)**

Price: \$72.00 (ASHRAE Member: \$61.00)  
Product code: **86298**

**Standard 103-2007, Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers\***

Price: \$69.00 (ASHRAE Member: \$59.00)  
Product code: **86318**

**Standard 105-2014, Standard Methods of Measuring, Expressing, and Comparing Building Energy Performance and Greenhouse Gas Emissions\***

Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86326**

**Standard 110-2016, Method of Testing Performance of Laboratory Fume Hoods\***

Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86331**

**Standard 111-2008, Practices for Measurement, Testing, Adjusting, and Balancing of Building Heating, Ventilation, Air-Conditioning and Refrigeration Systems\***

Price: \$69.00 (ASHRAE Member: \$59.00)  
Product code: **86335**

**Standard 113-2013, Method of Testing for Room Air Diffusion\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86342**

**Standard 116-2010, Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps\***

Price: \$54.00 (ASHRAE Member: \$46.00)  
Product code: **86350**

**Standard 118.1-2012, Method of Testing for Rating Commercial Gas, Electric, and Oil Service Water Heating Equipment\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86360**

**Standard 118.2-2006 (RA 2015), Method of Testing for Rating Residential Water Heaters\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86354**

**Standard 120-2008, Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings\***

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86365**

**Standard 124-2007 (RA 2016), Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances\* **NEW!****

Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86371**

**Standard 125-2016, Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86744**

**Standard 126-2016, Method of Testing HVAC Air Ducts (SMACNA Co-sponsored)\* **NEW!****

Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86384**

\*ANSI approved.

**Standard 127-2012, Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners\***  
Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86402**

**Standard 128-2011, Method of Rating Unitary Spot Air Conditioners\***  
Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86409**

**Standard 129-1997 (RA 2002), Measuring Air Change Effectiveness\***  
Price: \$35.00 (ASHRAE Member: \$30.00)  
Product code: **86423**

**Standard 130-2016, Laboratory Methods of Air Terminal Units\* **NEW!****  
Price: \$64.00 (ASHRAE Member: \$54.00)  
Product code: **86385**

**Standard 13256-1: 1998 (RA 2012), Water-source Heat Pumps – Testing and Rating for Performance – Part 1: Water-to-air and Brine-to-Air Heat Pumps\* (ARI and ISO sponsored)**  
Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86702**

**Standard 13256-2: 1998 (RA 2012), Water-source Heat Pumps-Testing and Rating for Performance-Part 2: Water-to-water And Brine-to-water Heat Pumps\* (ARI and ISO sponsored)**  
Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86704**

**Standard 133-2015, Method of Testing Direct Evaporative Air Coolers\* (ARI and ISO sponsored)**  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86434**

**Standard 134-2005 (RA 2014), Graphic Symbols for Heating, Ventilating, Air-Conditioning, and Refrigerating Systems.\***  
Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86436**

**Standard 135-2016, BACnet® A Data Communication Protocol for Building Automation and Control Networks\* **NEW!****  
Price: \$90.00 (ASHRAE Member: \$76.00)  
Product code: **D-86451**

**Standard 135.1-2013, Method of Test for Conformance to BACnet®\***  
Price: \$119.00  
(ASHRAE Member: \$101.00)  
Product code: **86444**

**Standard 137-2013, Methods of Testing for Efficiency of Space-Conditioning/ Water-Heating Appliances that Include a Desuperheater Water Heater\***  
Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86458**

**Standard 138-2013 (RA 2016), Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling\* **NEW!****  
Price: \$46.00 (ASHRAE Member: \$39.00)  
Product code: **86525**

**Standard 139-2015, Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process\***  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86518**

**Standard 140-2014, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs\***  
Price: \$99.00 (ASHRAE Member: \$84.00)  
Product code: **86725**

**Standard 143-2015, Method of Test for Rating Indirect Evaporative Coolers\***  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86514**

**Standard 145.1-2015, Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Loose Granular Media\***  
Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86532**

**Standard 145.2-2016, Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices\* **NEW!****  
Price: \$64.00 (ASHRAE Member: \$54.00)  
Product code: **86381**

**Standard 146-2011, Methods of Testing and Rating Pool Heaters\***  
Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86483**

**Standard 147-2013, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems\***  
Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86523**

**Standard 149-2013, Laboratory Methods of Testing Fans Used to Exhaust Smoke in Smoke Management Systems\***  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86475**

**Standard 150-2000 (RA 2014), Method of Testing the Performance of Cool Storage Systems\***  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86625**

**Standard 152-2014, Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems\***  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86520**

**Standard 153-2015, Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves\***  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86522**

**Standard 154-2016, Ventilation for Commercial Cooking Operations\* **NEW!****  
Price: \$64.00 (ASHRAE Member: \$54.00)  
Product code: **86524**

**Standard 158.1-2012, Methods of Testing Capacity of Refrigerant Solenoid Valves\***  
Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86484**

**Standard 158.2-2011, Method of Testing Capacity of Refrigerant Pressure Regulators\***  
Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86505**

**Standard 160-2016, Criteria for Moisture-Control Design Analysis in Buildings\* **NEW!****  
Price: \$64.00 (ASHRAE Member: \$54.00)  
Product code: **86361**

**Standard 161-2013, Air Quality within Commercial Aircraft\***  
Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86526**

**Standard 164.1-2012 (RA 2016), Method of Testing for Residential Central-System Humidifiers\***  
Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86751**

\*ANSI approved.

**Standard 164.2-2012 (RA 2016), Method of Test for Residential Self-Contained Humidifiers\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86753**

**Standard 164.3-2015, Method of Test for Commercial and Industrial Isothermal Humidifiers\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86528**

**Standard 169-2013, Climate Data for Building Design Standards\***

Price: \$72.00 (ASHRAE Member: \$61.00)  
Product code: **86519**

**Standard 170-2013, Ventilation of Health Care Facilities\* (ASHE co-sponsored)**

Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86515**

**Standard 171-2008, Method of Testing Seismic Restraint Devices for HVAC&R Equipment\***

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86500**

**Standard 173-2012 (RA 2016), Method of Test to Determine the Performance of Halocarbon Refrigerant Leak Detectors (BSR/ASHRAE Approved)\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86761**

**Standard 174-2009, Method of Test for Rating Desiccant-Based Dehumidification Equipment\***

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86503**

**Standard 180-2012, Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems\* (ACCA Approved)**

Price: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86508**

**Standard 181-2014, Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86513**

**Standard 182-2008 (RA 2013), Method of Testing Absorption Water-Chilling and Water-Heating Package\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86511**

**Standard 183-2007 (RA 2014), Peak Cooling and Heating Load Calculations in Buildings except Low-Rise Residential Buildings\***

Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86521**

**Standard 184-2016, Method of Test for Field Performance of Liquid-Chilling Systems\* **NEW!****

Price: \$64.00 (ASHRAE Member: \$54.00)  
Product code: **86374**

**Standard 185.1-2015, Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86621**

**Standard 185.2-2014, Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86517**

**Standard 188-2015, Legionellosis: Risk Management for Building Water Systems \***

Price: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86603**

**Standard 189.1-2014, Standard for the Design of High-Performance Green Buildings (USGBC and IES co-sponsored)\***

Price: \$128.00 (ASHRAE Member: \$109.00; Student Member: \$49.00)  
Product code: **86606**

**Standard 189.1-2014 User's Manual**

Price: \$105.00 (ASHRAE Member: \$89.00)  
Product code: **90143**

**Standard 190-2013, Method of Testing for Rating Indoor Pool Dehumidifiers\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86614**

**Standard 193-2010 (RA 2014), Method of Test for Determining the Airtightness of HVAC Equipment\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86516**

**Standard 194-2012, Method of Test for Direct-Expansion Ground-Source Heat Pumps \***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86618**

**Standard 195-2013, Method of Test for Rating Air Terminal Unit Controls\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86620**

**Standard 198-2013, Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Removal Efficiency\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86623**

**Standard 200-2015, Methods of Testing Chilled Beams\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86626**

**Standard 201-2016, Facility Smart Grid Information Model (NEMA co-sponsored)\***

Price: \$129.00 (ASHRAE Member: \$110.00)  
Product code: **86627**

**Standard 202-2013, Commissioning Process for Buildings and Systems (IES Co-sponsored)\***

Price: \$72.00 (ASHRAE Member: \$61.00)  
Product code: **86628**

**Standard 203-2014, Commissioning Process for Buildings and Systems (IES Co-sponsored)\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86629**

**Standard 206-2013, Method of Testing for Rating of Multipurpose Heat Pumps for Residential Space Conditioning and Water Heating\***

Price: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86635**

**ICC/ASHRAE 700-2015, National Green Building Standard\* **NEW!****

Price: \$20.00 (ASHRAE Member: \$18.00)  
Product code: **96818**

\*ANSI approved.

# GUIDELINES

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## **Guideline 0-2013, The Commissioning Process**

Price: \$72.00 (ASHRAE Member: \$61.00)  
Product code: **86821**

## **Guideline 0.2-2015, Commissioning Process for Existing Systems and Assemblies**

Price: \$72.00 (ASHRAE Member: \$61.00)  
Product code: **86847**

## **Guideline 1.1-2007, HVAC&R Technical Requirements for the Commissioning Process**

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