

## WEATHER DATA

**International Weather for Energy Calculations 2.0 (IWECC Weather Files) DVD**  
List: \$229.00 (ASHRAE Member: \$199.00)  
Product code: **94051**

**Weather Data Viewer DVD, Version 5.0**  
List: \$119.00 (ASHRAE Member: \$99.00)  
Product code: **94059**

**Web-based IWECC 2 Typical Weather files**  
(3,012 locations outside US/Canada – sets or locations)  
<http://ashrae.whiteboxtechnologies.com>

## STANDARDS

SHOP [WWW.ASHRAE/BOOKSTORE](http://WWW.ASHRAE/BOOKSTORE) TO PURCHASE PDF FORMATS, REDLINES, PRINT/PDF COMBINATIONS OR DIGITAL SUBSCRIPTIONS

**2016 ASHRAE Standards and Guidelines CD NEW!**  
List: \$1,985.00 (ASHRAE Member: \$1,759.00)  
Product code: **94498**

**Standard 15-2013, Safety Standard for Refrigeration Systems (packaged w/ Standard 34-2013, Designation and Classification of Refrigerants)\***  
List: \$107.00 (ASHRAE Member: \$89.00)  
Product code: **86021**

**Standard 16-1983 (RA 2014), Method of Testing for Rating Room Air Conditioners and Packaged Terminal Air Conditioners\***  
List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86027**

**Standard 17-2015, Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves\***  
List: \$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\***  
List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86034**

**Standard 20-1997 (RA 2006), Method of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers\***  
List: \$22.00 (ASHRAE Member: \$19.00)  
Product code: **86039**

**Standard 22-2014, Methods of Testing for Rating Water-Cooled Refrigerant Condensers\***  
List: \$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\***  
List: \$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\***  
List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86053**

**Standard 24-2013, Methods of Testing for Rating Liquid Coolers\***  
List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86075**

**Standard 25-2001 (RA 2006), Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration\***  
List: \$25.00 (ASHRAE Member: \$21.00)  
Product code: **86060**

**Standard 26-2010, Mechanical Refrigeration and Air-Conditioning Installations aboard Ship\***  
List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86055**

**Standard 28-1996 (RA 2010), Method of Testing Flow Capacity of Refrigerant Capillary Tubes\***  
List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86072**

**Standard 29-2015, Method of Testing Automatic Ice Makers\* NEW!**  
List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86115**

**Standard 30-1995, Methods of Testing Liquid-Chilling Packages\***  
List: \$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\***  
List: \$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\***  
List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86078**

**Standard 33-2000, Methods of Testing Forced Circulation Air Cooling and Air Heating Coils\***  
List: \$20.00 (ASHRAE Member: \$17.00)  
Product code: **86082**

**Standard 34-2013, Designation and Safety Classification of Refrigerants (packaged w/ Standard 15-2013, Safety Standard for Refrigeration Systems)\***  
List: \$107.00 (ASHRAE Member: \$89.00)  
Product code: **86021**

**Standard 35-2014, Method of Testing Desiccants for Refrigerant Drying\***  
List: \$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\***  
List: \$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\***

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

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

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

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

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

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

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

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

List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86113**

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

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

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

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

**Standard 41.8-1989, Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters\***

List: \$18.00 (ASHRAE Member: \$15.00)  
Product code: **86128**

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

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

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

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

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

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

**Standard 51-2007, Laboratory Methods of Testing Fans for Aerodynamic Performance Rating\***

List: \$90.00 (ASHRAE Member: \$77.00)  
Product code: **86139**

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

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

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

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

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

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

**Standard 62.1-2010, Ventilation for Acceptable Indoor Air Quality\***

List: \$69.00 (ASHRAE Member: \$59.00;  
Student Member: \$29.00)  
Product code: **86152**

**Standard 62.1-2010 User's Manual**

List: \$75.00 (ASHRAE Member: \$64.00)  
Product code: **90159**

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

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

**Standard 62.1-2013, Ventilation for Acceptable Indoor Air Quality\***

List: \$79.00 (ASHRAE Member: \$67.00;  
Student Member: \$33.00)  
Product code: **86142**

**Standard 62.2-2013, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings\***

List: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86176**

**Standard 62.2-2010 User's Manual**

List: \$55.00 (ASHRAE Member: \$47.00)  
Product code: **90158**

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

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

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

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

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

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

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

List: \$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\***

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

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

List: \$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\***

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

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

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

\*ANSI approved.

**Standard 84-2013, Method of Testing Air-to-Air Heat/Energy Exchangers\***

List: \$41.00 (ASHRAE Member: \$35.00)

Product code: **86219**

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

List: \$41.00 (ASHRAE Member: \$35.00)

Product code: **86225**

**Standard 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings\* (IES co-sponsored)**

List: \$119.00 (ASHRAE Member: \$99.00)

Product code: **86147 (I-P); 86149 (SI)**

**Standard 90.1-2007 User's Manual**

List: \$93.00 (ASHRAE Member: \$79.00)

Product code: **90353**

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

List: \$125.00 (ASHRAE Member: \$106.00);

Student Member: \$53.00)

Product code: **86267 (I-P); 86269 (SI)**

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

List: \$99.00 (ASHRAE Member: \$84.00)

Product code: **90327**

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

List: \$135.00 (ASHRAE Member: \$115.00);

Student Member: \$57.00)

Product code: **86273 (I-P); 86275 (SI)**

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

List: \$115.00 (ASHRAE Member: \$98.00)

Product code: **90321**

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

List: \$95.00 (ASHRAE Member: \$81.00)

Product code: **86239**

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

List: \$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**

List: \$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**

List: \$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**

List: \$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\***

List: \$24.00 (ASHRAE Member: \$20.00)

Product code: **86279**

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

List: \$18.00 (ASHRAE Member: \$15.00)

Product code: **86283**

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

List: \$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\***

List: \$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\***

List: \$58.00 (ASHRAE Member: \$48.00)

Product code: **86326**

**Standard 110-1995, Method of Testing Performance of Laboratory Fume Hoods\***

List: \$24.00 (ASHRAE Member: \$20.00)

Product code: **86336**

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

List: \$69.00 (ASHRAE Member: \$59.00)

Product code: **86335**

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

List: \$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\***

List: \$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\***

List: \$41.00 (ASHRAE Member: \$35.00)

Product code: **86360**

**Standard 118.2-2006 (RA 2105), Method of Testing for Rating Residential Water Heaters\* **NEW!****

List: \$41.00 (ASHRAE Member: \$35.00)

Product code: **86354**

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

List: \$39.00 (ASHRAE Member: \$33.00)

Product code: **86365**

**Standard 124-2007, Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances\***

List: \$35.00 (ASHRAE Member: \$30.00)

Product code: **86372**

**Standard 125-1992 (RA 2011), Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems\***

List: \$39.00 (ASHRAE Member: \$33.00)

Product code: **86378**

**Standard 127-2012, Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners\***

List: \$39.00 (ASHRAE Member: \$33.00)

Product code: **86402**

\*ANSI approved.

**Standard 128-2011, Method of Rating Unitary Spot Air Conditioners\***

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86409**

**Standard 129-1997 (RA 2002), Measuring Air Change Effectiveness\***

List: \$35.00 (ASHRAE Member: \$30.00)  
Product code: **86423**

**Standard 130-2008, Methods of Testing for Rating Ducted Air Terminal Units\***

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86427**

**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)**

List: \$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)**

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86704**

**Standard 133-2015, Method of Testing Direct Evaporative Air Coolers \*(ARI and ISO sponsored)**

List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86434**

**Standard 134-2005 (RA 2014), Graphic Symbols for Heating, Ventilating, Air-Conditioning, and Refrigerating Systems,\***

List: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86436**

**Standard 135-2012, BACnet®A Data Communication Protocol for Building Automation and Control Networks\***

List: \$170.00 (ASHRAE Member: \$140.00)  
Product code: **86439**

**Standard 135.1-2013, Method of Test for Conformance to BACnet®\***

List: \$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\***

List: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86458**

**Standard 138-2013, Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling\***

List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86479**

**Standard 139-2015, Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process\* **NEW!****

List: \$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\***

List: \$99.00 (ASHRAE Member: \$84.00)  
Product code: **86725**

**Standard 143-2015, Method of Test for Rating Indirect Evaporative Coolers\***

List: \$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\* **NEW!****

List: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86532**

**Standard 145.2-2011, Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices\***

List: \$54.00 (ASHRAE Member: \$46.00)  
Product code: **86477**

**Standard 146-2011, Methods of Testing and Rating Pool Heaters\***

List: \$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\***

List: \$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\***

List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86475**

**Standard 150-2000 (RA 2014), Method of Testing the Performance of Cool Storage Systems\* **NEW!****

List: \$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\***

List: \$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\* **NEW!****

List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86522**

**Standard 154-2011, Ventilation for Commercial Cooking Operations\***

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86486**

**Standard 158.1-2012, Methods of Testing Capacity of Refrigerant Solenoid Valves\***

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86484**

**Standard 158.2-2011, Method of Testing Capacity of Refrigerant Pressure Regulators\***

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86505**

**Standard 160-2009, Criteria for Moisture-Control Design Analysis in Buildings\***

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86488**

**Standard 161-2013, Air Quality within Commercial Aircraft\***

List: \$58.00 (ASHRAE Member: \$48.00)  
Product code: **86526**

**Standard 164.1-2012, Method of Testing for Residential Central-System Humidifiers\***

List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86601**

\*ANSI approved.

**Standard 164.2-2012, Method of Test for Residential Self-Contained Humidifiers\***

List: \$39.00 (ASHRAE Member: \$33.00)  
Product code: **86506**

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

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

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

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

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

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

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

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

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

List: \$41.00 (ASHRAE Member: \$35.00)  
Product code: **86510**

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

List: \$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)**

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

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

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

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

List: \$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\* **NEW!****

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

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

List: \$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\***

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

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

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

**Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings (USGBC and IES co-sponsored)\***

List: \$119.00 (ASHRAE Member: \$99.00;  
Student Member: \$49.00)  
Product code: **86604**

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

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

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

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

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

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

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

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

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

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

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

List: \$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\***

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

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

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

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

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

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

List: \$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\***

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

\*ANSI approved.