

**SUBCHAPTER 13-3
REFERENCED STANDARDS AND ORGANIZATIONS**

**SECTION 13-301
REFERENCED STANDARDS**

[Change Section 13-301.0 as follows:]

13-301.0 General. The standards (Std), and portions thereof, which are referred to in various parts of this code shall be part of Chapter 13 of the Florida Building Code and are hereby declared to be a part of this code. Section numbers shall read as if prefaced by 13-.

**AABC Associated Air Balance Council,
1518 K Street, Suite 503,
Washington, DC 20005**

Standard reference number	Title	Referenced in Code Section Number
AABC, 1989	Associated Air Balance Council National Standard	410.ABC.4.3

**AAMA American Architectural Manufacturers Association
1827 Walden Office Square, Suite 104
Schaumburg, IL 60173-4268**

Standard reference number	Title	Referenced in Code Section Number
AAMA/WDMA/CSA 101/I.S. 2-05	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors	406.ABC.1.1, 606.ABC.1.1

**ACCA Air Conditioning Contractors of America
2800 Shirlington Road, Suite 300
Arlington, VA 22206**

Standard reference number	Title	Referenced in Code Section Number
ACCA Manual D-1995	Residential Duct Systems	410.ABC.2, 610.ABC.1
ACCA Manual J-2003	Residential Load Calculation, Eighth Edition with posted updates/errata.	607.ABC.1
ACCA Manual N-2005	Commercial Load Calculation	607.ABC.1, B-3.1.1

**ADC Air Diffusion Council
1000 E. Woodfield Rd., Suite 102
Schaumburg, IL 60173-5921**

Standard reference number	Title	Referenced in Code Section Number
ADC 2003	Flexible Duct Performance & Installation Standards, Fourth Edition.	410.ABC.2.2, 610.ABC.2.2

**AHAM Association of Home Appliance Manufacturers
20 North Wacker Dr.
Chicago, IL 60606**

Standard reference number	Title	Referenced in Code Section Number
ANSI/AHAM RAC1-03	Room Air Conditioners.	Table 407.ABC.3.2D, Table 607.ABC.3.2D,

**AMCA Air Movement and Control Association International
30 West University Drive
Arlington Heights, IL 60004-1806**

Standard reference number	Title	Referenced in Code Section Number
AMCA 500-1989	Test Methods for Louvers, Dampers, and Shutters	409.ABC.3.4,

ANSI American National Standards Institute, Inc.
Official Form 9B-3.047-2004

Subchapter 13-3_08.rtf

**25 West 43rd Street, Fourth Floor
New York, N.Y.10036.**

Standard reference number	Title	Referenced in Code Section Number
ANSI A112.18.1M-1999	Finished and Rough Brass Plumbing Fixture Fittings	412.ABC.2.5.1,608.A.3.5, 612.ABC.2.4
ANSI Z21.10.3-2004	Gas Water Heater, Volume 3, Storage, with Input Ratings above 75,000 Btu/h, Circulating and Instantaneous Water Heaters	Table 412.ABC.3, 612.ABC.3.1.2
ANSI Z21.40.4-96 (with Addenda 1)	American National Standard for Performance Testing and Rating of Gas-Fired, Air-Conditioning and Heat Pump Appliances	607.A.1, C-5.1.1
ANSI Z21.47a-04	Gas-Fired Central Furnaces	Table 408.ABC.3.2E, Table 608.ABC.3.2E
ANSI Z21.56-2006	Gas-Fired Pool Heaters	412.ABC.3.5, 612.ABC.2.3.1
ANSI Z21.66-1996 (R2001)	Automatic Vent Damper Devices for Use with Gas-Fired Appliances	408.ABC.3.2.1
ANSI Z83.8/CGA 2.6 -2006	Gas Unit Heaters and Gas-Fired Duct Furnaces. CGA 2.6	Table 408.ABC.3.2E, Table 608.ABC.3.2E

**ARDM Association of Refrigerant Desuperheater Manufacturers, Inc,
c/o Doucette Industries
4151 112 Terrace N
Clearwater, FL 33762**

Standard reference number	Title	Referenced in Code Section Number
ARDM-88	Residential Heat Recovery Installation Guide, First Edition	600.3.ABC.3.2, 612.B.3.2, 612.2.A.3.1

**ARI Air-Conditioning and Refrigeration Institute
Suite 200
4100 North Fairfax Drive
Arlington, VA 22203**

Standard reference number	Title	Referenced in Code Section Number
ARI Std. 210/240-2006	Unitary Air-Conditioning and Air-Source Heat Pump Equipment	Tables 407.ABC.3.2A,B, Tables 607.ABC.3.2A,B, 607.ABC.3.1, 608.ABC.3.1
ARI Std. 310/380-2004	Packaged Terminal Air-Conditioners and Heat Pumps	Tables 407.ABC.3.2D, Tables 607.BC.3.2D
ARI Std. 340/360-2004	Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment	Table 407.ABC.3.2A,B, Table 407.ABC.3.2B Table 607.ABC.3.2A, Table 607.ABC.3.2B
ARI Std. 365-2002	Commercial and Industrial Unitary Air-Conditioning Condensing Units	Tables 407.ABC.3.2A, Tables 607.ABC.3.2A
ARI Std. 390-2003	<u>Performance Rating of Single Packaged Vertical Air Conditioners and Heat Pumps</u>	Tables 410.ABC.3.2D, 610.ABC.3.2D
ARI Std. 460-2005	Performance Rating of Remote Mechanical Draft Air-Cooled Refrigerant Condensers	Tables 407.ABC.3.2G
ARI Std. 550/590-2003	Water Chilling Packages Using the Vapor Compression Cycle	202, 407.ABC.3.2, Tables 407.ABC.3.2C
ARI Std. 560-2000	Absorption Water Chilling and Water Heating Packages	Tables 407.ABC.3.2
ARI Std. 1160-2004	Performance Rating of Heat Pump Pool Heaters	Table 412.ABC.3, 612.ABC.2.3.4

**ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329-2305**

Standard reference number	Title	Referenced in Code Section Number
ANSI/ASHRAE Std. 55-1992	Thermal Environmental Conditions for Human Occupancy.	412.ABC.1, 412.ABC.1
ANSI/ASHRAE Std. 62.1-2004	Ventilation for Acceptable Indoor Air Quality.	407.ABC.2.1.1, 407.ABC.2.3, 409.ABC.1.1, 409.ABC.3.5, 609.ABC.1
ANSI/ASHRAE Std. 90.1-2004	Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings.	413.0

ANSI/ASHRAE Std. 93-1986 (RA91)	Methods of Testing to Determine the Thermal Performance of Solar Collectors	612.ABC.3.4
ANSI/ASHRAE 119-1988 (RA 94)	Air Leakage Performance for Detached Single-Family Residential Buildings	Table 13-613A.1-1
ANSI/ASHRAE 124-1991	Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances	608.A.3.5, 612.A.1
ANSI/ASHRAE 137-1995 (RA2001)	Methods of Testing for Efficiency of Space-conditioning/Water-Heating Appliances That Include a Desuperheater Water Heater	412.ABC.1, 612.A.1
ANSI/ASHRAE 146-1998	Method of Testing for Rating Pool Heaters	Table 412.ABC.3
ANSI/ASHRAE 152-2004	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems	610.A.2 Table 13-613A.1-1
ASHRAE Handbook	Fundamentals, 2005	Table 13-613A.1-1
ASHRAE Handbook	HVAC Applications, 2003	412.ABC.1, 412.ABC.2.1.1
ASHRAE Handbook	Fundamentals, 2005	202, B-3.1.1, B-3.1.2, B-3.13
ASHRAE Handbook	HVAC Systems & Equipment, 2004	410.ABC.3, 610.ABC.3
ASHRAE, 1998	Cooling and Heating Load Calculation Principles	607.ABC.1
<u>ASHRAE, 2004</u>	<u>Advanced Energy Design Guide for Small Office Buildings</u>	<u>Appendix 13-B, B5.0</u>
<u>ASHRAE, 2006</u>	<u>Advanced Energy Design Guide for Small Retail Buildings</u>	<u>Appendix 13-B, B5.0</u>
<u>ASHRAE, 2008</u>	<u>Advanced Energy Design Guide for K-12 School Buildings</u>	<u>Appendix 13-B, B5.0</u>

ASTM ASTM International
100 Barr Harbor Dr
West Conshohocken, PA 19428-2959

Standard reference number	Title	Referenced in Code Section Number
ASTM C36/C36M-03	Standard Specification for Gypsum Wallboard	202
ASTM C90-06b	Standard Specification for Loadbearing Concrete Masonry Units	402.1.C.1, B-1.2.3, B-2.2.1.1
ASTM C 177-04	Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus	410.ABC.2.3, 610.ABC.2.2, B-1.1.1
ASTM C272-01	Test Method for Water Absorption of Core Materials for Structural Sandwich Constructions	B-1.3.4
ASTM C 335-05ae1	Test Method for Steady-State Heat Transfer Properties of Pipe Insulation.	Table 411.ABC.2
ASTM C 516-02	Vermiculite Loose Fill Thermal Insulation	Table 6C-2
ASTM C 518-04	Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.	Table 6C-2
ASTM C 549-06	Perlite Loose Fill Insulation	Table 6C-2
ASTM C 578-06	Rigid, Cellular Polystyrene Thermal Insulation	Table 6C-2
ASTM C 665-06	Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing	Table 6C-2
ASTM C 727-01	Standard Practice for Installation and Use of Reflective Insulation in Building Constructions.	Table 6C-2
ASTM C 739-05b	Cellulosic Fiber Loose-Fill Thermal Insulation	Table 6C-2
ASTM C 764-06a	Mineral Fiber Loose-Fill Thermal Insulation	Table 6C-2
ASTM C 1015-06	Standard Practice for Installation of Cellulosic and Mineral Fiber Loose-Fill Thermal Insulation	Table 6C-2
ASTM C 1029-05a	Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation	Appendix 13-C,
ASTM C 1158-05	Standard Practice for Use and Installation of Radiant Barrier Systems (RBS) in Building Construction	607.A.4, Table 6C-2
ASTM C 1224-03	Reflective Insulation for Building Applications	607.A.3.2, Table 6C-2
ASTM C 1289-06	Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board	Table 6C-2
ASTM C 1313-05	Sheet Radiant Barriers for Building Construction Applications	607.A.3.2, Table 6C-2
ASTM C 1320-05	Standard Practice for Installation of Mineral Fiber Batt and Blanket Thermal Insulation for Light-Frame Construction	Table 6C-2
ASTM C 1321-04	Standard Practice for Installation and Use of Interior Radiation Control Coating Systems (IRCC) in Building Construction	607.A.4
ASTM C1363-05	Standard Test Method for Thermal Performance of Building Materials and	

ASTM C 1371-04a	Envelope Assemblies by Means of a Hot Box Apparatus Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers.	602.A.2, B-1.1.1, B-1.1.2, C-2.2.2 404.C.1, 607.A.4
ASTM C 1549-04	Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflector	404.C.1, 604.A.4
ASTM E 84-06a	Test Method for Surface Burning Characteristics of Building Materials	410.ABC.3.0.7, 610.ABC.3.0.7
ASTM E 283-04	Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen.	406.ABC, 406.ABC.1.1, 606.ABC.1.1, 606.ABC.1.2.4, C-4.2.3
ASTM E 408-71 (2002)	Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques	404.C.1
ASTM E 903-96	Test Method for Solar Absorptance, Reflectance, and Transmittance of Materials Using Integrating Spheres	404.C.1, 604.A.4, 13-2C4.2.1.5
ASTM E 1918-06	Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field	404.C.1, 604.A.4
<u>ASTM E 1980-(2001)</u>	<u>Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low Sloped Opaque Surfaces.</u>	<u>13-404.C.1.1</u>

CRRC Cool Roof Rating Council
1738 Excelsior Avenue
Oakland, CA 94602

Standard reference number	Title	Referenced in Code Section Number
CRRC-1-2006	CRRC-1 Product Rating Program	404.C.1, 604.A.4

CTI Cooling Technology Tower Institute
2611 FM 1960 West, Suite H-200
Houston, TX 77068-3730.

Standard reference number	Title	Referenced in Code Section Number
CTI ATC-105- (00)2000	Acceptance Test Code for Water Cooling Towers	Table 407.ABC.3.2G
CTI Std. 201- (04)2002	Certification Standard for Water Cooling Tower Thermal Performance	Table 407.ABC.3.2G

DASMA Door and Access Systems Manufacturers Association
1300 Sumner Avenue
Cleveland, OH 44115-2851.

Standard reference number	Title	Referenced in Code Section Number
ANSI/DASMA105-1992 (R1998)	Test Method for Thermal Transmittance and Air Infiltration of Garage Doors	406.ABC.1.1,

DOE United States Department of Energy
c/o Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402-9325

Standard reference number	Title	Referenced in Code Section Number
DOE, 10 CFR, Part 430 Subpart B, App. E-1998	Uniform Test Method for Measuring the Energy Consumption of Water Heaters	Tables 408.ABC.3.2F, 608.ABC.3.2F, 412.ABC.3, 612.ABC.3.1.1, 612.ABC.3.2
DOE, 10 CFR, Part 430 Subpart B, App. M	Uniform Test Method for Measuring the Energy Consumption of Central Air Conditioners	607.ABC.3.1
10 CFR, Part 430 Subpart B, App N -1998	Uniform Test Method for Measuring the Energy Consumption of Furnaces	Tables 408.ABC.3.2E, 608.ABC.3.2E
DOE, 10 CFR, Part 430 Subpart B, App O-1998	Uniform Test for Measuring the Energy Consumption of Vented Home Heating Equipment	202
<u>DOE, 10 CFR, Part 431 Subpart E</u>	<u>Uniform test method for the measurement of energy efficiency of commercial packaged boilers.</u>	<u>Table 13-408.ABC.3.2F, Table 13-608.ABC.3.2F</u>
EPACT, 92 42 USC 6831, et seq Public Law 102-486	Energy Policy Act of 1992	407.ABC.3.2, 414.ABC.1, 607.ABC.3.2.1
NAECA, 1987	National Appliance Energy Conservation Act of 1987	Tables 407.ABC.3.2A, B; 408.ABC.2.2, Table 408.ABC.3.2E, 607.ABC.3.1, Tables 607.ABC.3.2A, B, 608.ABC.3.1

**Florida Codes Building Codes and Standards Office
 Florida Department of Community Affairs
 2555 Shumard Oak Blvd.
 Tallahassee, FL 32399-2100**

Standard reference number	Title	Referenced in Code Section Number
FL-1	Florida Standard for Desuperheater/Water Heaters (See Appendix E of this code)	612.B.3.2, 612.A.3.1

**FSEC Florida Solar Energy Center
 1679 Clearlake Road
 Cocoa, FL 32922-5703**

Standard reference number	Title	Referenced in Code Section Number
FSEC-RR-54-00	"The HERS Rating Method and the Derivation of the Normalized Modified Loads Method", October 11, 2000, Fairey, P., J. Tait, D. Goldstein, D. Tracey, M. Holtz, and R. Judkoff . Available online at: http://www2.fsec.ucf.edu/en/publications/html/FSEC-RR-54-00/index.htm	13-613.A.2.1
2007	EnergyGauge USA Fla/Res	13-600.2, 13-600.A.1, 13-600.A.2, 13-601.A, 13-601.A.3, 13-602.A.1, 13-604.A.1, 13-601.A.4, 13-605.A.1, 13-606.A.1, 13-607.A.1, 13-608.A.1, 13-610.A.1, 13-610.A.2, 13-612.A.1, 13-613.A.2.1
2007	EnergyGauge Summit Fla/Com	13-400.0.A, 13-400.0.C, 13-400.0.C.4, 13-400.2, 13-400.3.ABC.1, 13-400.3.ABC.2, 13-400.3.A, 13-400.3.B, Table 13-400.3.ABC.3, 13-401.A, 13-401.B, 13-402.A, 13-402.B, 13-403.A, 13-403.B, 13-404.ABC.1, 13-404.A, 13-404.B, 13-405.A, 13-405.B, 13-407.A, 13-408.A, 13-410.A, 13-412.A, 13-415.A, 13-415.B, 13-415.B.1

**FTC U.S. Federal Trade Commission
 Sixth Street and Pennsylvania Avenue, N.W.
 Washington, DC 20580**

Standard reference number	Title	Referenced in Code Section Number
FTC, 16 CFR, Part 460, Amended	Effective 4/29/96 FTC Labeling and Advertising of Home Insulation	202, C-1.2

**GAMA Gas Appliance Manufacturers Association
 PO Box 9245
 Arlington, VA 22209**

Standard reference number	Title	Referenced in Code Section Number
GAMA	Consumers' Directory of Certified Efficiency Ratings for Water Heating Equipment	Table 408.ABC.3.2F, Table 608.ABC.3.2F, 612.ABC.3.5, 612.A.1

~~**HI Hydronics Institute
 P.O. Box 218
 Berkeley Heights, NH 07922**~~

Standard reference number	Title	Referenced in Code Section Number
H.I., HBS 86-1989	Testing and Rating Standard for Heating Boilers	Tables 408.ABC.3.2F, 608.ABC.3.2F

HUD U.S. Dept. Housing and Urban Development
451 7th Street S.W.
Washington, DC 20410

Standard reference number	Title	Referenced in Code Section Number
HUD, 24 CFR 3282-3283	Manufactured Home Procedural and Enforcement Regulations	202
HUD, 42 CFR 70, s. 5401		
(24 CFR 3280)	Manufactured Home Construction and Safety Standards	202
HUD, 42 USC 77, s. 6295	Energy Conservation Standards	202

ISO International Standards Organization
1, rue de Varembe, Case postale 56,
CH-1211 Geneve 20, Switzerland

Standard reference number	Title	Referenced in Code Section Number
ISO 9806 (1994, 1995)	Test Methods for Solar Collectors Part 1: Thermal Performance of glazed liquid heating collectors including pressure drop, December 1, 1994 Part 2: Qualification test procedures", August 15, 1995. Part 3: Thermal performance of unglazed liquid heating collectors (sensible heat transfer only) including pressure drop", December 15, 1995.	612.ABC.3.4
ISO 13256-1 (1998)	Water-Source Heat Pumps—Testing and Rating for Performance— Part 1 Water-to-Air and Brine-to-Air Heat Pumps	Table 407.ABC.3.2B, Table 607.ABC.3.2B

NAIMA North American Insulation Manufacturers Association
44 Canal Center Plaza, Suite 310,
Alexandria, VA 22314

Standard reference number	Title	Referenced in Code Section Number
NAIMA 2002	Fibrous Glass Duct Construction Standards, Fifth Edition	410.ABC.3.2, 610.ABC.3.2
NAIMA 2002	Fibrous Glass Duct Liner Standard, Third edition	410.ABC.2.5, 610.ABC.2.4, 610.ABC.3

NEBB National Environmental Balancing Bureau
8575 Grovemont Circle
Gaithersburg, MD 20877-4121

Standard reference number	Title	Referenced in Code Section Number
NEBB, 2005	Procedural Standards For Testing Adjusting Environmental Systems, Seventh Edition,	Balancing of 410.ABC.4.3,

NEMA National Electrical Manufacturers Association
1300 N 17th Street, Suite 1847
Rosslyn, VA 22209

Standard reference number	Title	Referenced in Code Section Number
NEMA MG 1-2004	Motors and Generators	202

NFPA National Fire Prevention Assoc.
Batterymarch Park
Quincy, MA 02269

Standard reference number	Title	Referenced in Code Section Number
NFPA 96-2004	Ventilation Control and Fire Protection of Commercial Cooking Operations.	407.ABC.3.5, 409.ABC.3.6.1

NFRC National Fenestration Rating Council, Inc.
8484 Georgia Avenue, Suite 320
Silver Spring, MD 20910

Standard reference number	Title	Referenced in Code Section Number
NFRC 100-2004	Procedure for Determining Fenestration Product U-factors	601.ABC.1, B-2.1, B-2.3NFRC
NFRC 200-2004	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence	401.AB.5, 601.ABC.1, 601.A.2
NFRC 300-2004	Standard Test Method for Determining the Solar Optical Properties of Glazing Materials and Systems	<u>401.C.3.1</u> , B-2.1
NFRC 400-2004	Procedure for Determining Fenestration Product U-factors Air Leakage	406.ABC.1.1

SMACNA Sheet Metal and Air-Conditioning Contractors' National Association, Inc.
4201 Lafayette Center Dr.
Chantilly, VA 20151-1209

Standard reference number	Title	Referenced in Code Section Number
SMACNA, 1985	HVAC Air Duct Leakage Test Manual	410.ABC.3.1.3, 610.ABC.3, 610.ABC.3.1.3

SRCC Solar Rating and Certification Corporation
c/o Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922-5703

Standard reference number	Title	Referenced in Code Section Number
FSEC	Directory of Certified Solar Systems	612.ABC.3.4, 612.B.3.3
SRCC TM-1	Solar Domestic Hot Water System and Component Test Protocol, December 6, 2002	612.ABC.3.4,

UL Underwriters Laboratory, Inc.
333 Pfingsten Rd.
Northbrook, IL 60062-2096

Standard reference number	Title	Referenced in Code Section Number
UL 181-05	Standard for Factory-Made Air Ducts and Air Connectors with revisions through December 1998.	410.ABC.3.0.7, 410.ABC.3.7.1, 610.ABC.3, 610.ABC.3.0.7, 610.ABC.3.7.1
UL 181A-05	Closure Systems for Use With Rigid Air Ducts and Air Connectors, with revisions through December 1998.	410.ABC.3.0.7, 610.ABC.3, 610.ABC.3.0.7
UL 181B-05	Closure Systems for Use With Flexible Air Ducts and Air Connectors with revisions through May 2000.	410.ABC.3.0.7, 610.ABC.3, 610.ABC.3.0.7
UL 723-03	Standard for Test for Surface Burning Characteristics of Building Materials.	410.ABC.3.0.7, 610.ABC.3.0.7
UL 727-06	Standard for Oil-Fired Central Furnaces	Table 408.ABC.3.2E, Table 608.ABC.3.2E
UL 731-95	Standard for Oil-Fired Unit Heaters, with revisions through January 1999.	Table 408.ABC.3.2E, Table 608.ABC.3.2E

WDMA Window & Door Manufacturers Association
1400 East Touhy Avenue, #470
Des Plaines, IL 60018

Standard reference number	Title	Referenced in Code Section Number
101/I.S.2/NAFS-02	Voluntary Performance Specifications for Windows, Skylights and Glass Doors	606.ABC.1.1