CHAPTER 6 [RE]

REFERENCED STANDARDS

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standards shall be as specified in Section 106.

AAMA

American Architectural Manufacturers Association

1827 Walden Office Square

Suite 550

Schaumburg, IL 60173-4268

Standard Referenced
reference in code
number Title section number

AAMA/WDMA/CSA North American Fenestration Standard/
101/I.S.2/A 440—11 or 17  Specifications for Windows, Doors and Unit Skylights R402.4.3, Appendix RD Residential

Energy Conservation Code Documentation Checklist

ACCA

Air Conditioning Contractors of America

2800 Shirlington Road, Suite 300

Arlington, VA 22206

Standard Referenced
reference in code
number Title section number

Manual D—09 Residential Duct Systems C403.2.9.5

ANSI/ACCA Manual J—2016 Residential Load Calculation ~~Eighth Edition~~ R403.7.1

ANSI/ACCA Manual S—14 Residential Equipment Selection R403.7.1, Appendix RD Form

AHAM

Association of Home Appliance Manufacturers

ANSI/AHAM RAC-1—2008 RAC-1—2015 Room Air Conditioners

AHRI

Air Conditioning, Heating, & Refrigeration Institute

2111 Wilson Blvd, Suite 500

Arlington, VA 22201

Standard Referenced
reference in code
number Title section number

470—06 Performance Rating of Desuperheater/Water Heaters R405.7.7, Appendix RD Form R400D

1160—08 Performance Rating of Heat Pump Pool Heaters
  Directory of Certified Product Performance R403.10.5

ANSI

American National Standards Institute

25 West 43rd Street

, 4th Floor

New York, NY 10036

Standard Referenced
reference in code
number Title section number

ANSI/RESNET/ Standard for the Calculation and Labeling of the Energy
 ICC 301—2019  Performance of Low-Rise Residential Buildings Using an Energy Rating Index, including
  Addendum A—2019 Table R405.5.2(1), R406.4

ANSI/RESNET/ Standard for Testing Airtightness of Building Enclosures, Airtightness of Heating
 ICC 380—2016   and Cooling Air Distribution Systems and Airflow of Mechanical Ventilation Systems R402.4.1.2,

R403.3.2, Table R405.5.2(1) and Appendix RD

Z21.10.3/CSA ~~4.3—11~~ 4.3-2017 Gas Water Heaters—Volume III—Storage Water Heaters with Input Ratings above 75,000 Btu per hour, Circulating and Instantaneous

Z21.47/CSA 2.3—12 2.3— Gas-fired Central Furnaces

2016

Z21.56-2006 Gas-Fired Pool Heaters R403.10.4

APSP

The Association of Pool & Spa Professionals

2111 Eisenhower Avenue, Suite 500

Alexandria, VA 22314

Standard Referenced
reference in code
number Title section number

ANSI/APSP/ICC 1~~4—2014~~

14—2019 American National Standard for Portable Electric Spa Energy Efficiency R403.11

ANSI/APSP/ICC ~~15a—2011~~ 15—2021 American National Standard for Residential Swimming Pool and Spa Energy ~~Efficiency~~

~~—includes Appendix A Approved January 9, 2013~~ Efficiency R403.12

**APSP (PHTA Standards)**

Pool & Hot Tub Alliance

~~Association of Pool and Spa Professionals~~

                                                                         2111 Eisenhower Avenue, Suite 500

Alexandria, VA 22314

ANSI/APSP/ICC 14—~~14~~19

American National Standard for Portable Electric Spa Energy Efficiency

R403.11

ANSI/~~APSP~~PHTA/ICC 15—~~11~~2021

American National Standard for Residential Swimming Pool and Spa Energy Efficiency with Addenda A approved January 9, 2013

R403.12

**(EN10525 AS)**

ARDM

Association of Refrigerant Desuperheater Manufacturers, Inc.

c/o Doucette Industries

4151 112 Terrace N

Clearwater, FL 33762

Standard Referenced
reference in code
number Title section number

ARDM—88 Residential Heat Recovery Installation Guide, First Edition R405.7.7

ASHRAE

ASHRAE

1791 Tullie Circle NE

Atlanta, GA 30329-2305

Standard Referenced
reference in code
number Title section number

ANSI/ASHRAE Std. 62.2-10 Ventilation for Acceptable Indoor Air Quality R403.6.2, Table R405.5.2(1)

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~~ASHRAE—2017~~ ASHRAE—

2021ASHRAE Handbook of Fundamentals R402.1.5, Table R405.5.2(1)

ANSI/ASHRAE/
IESNA ~~90.1—2016~~ 90.1-2019 Energy Standard for Buildings Except Low-rise Residential Buildings,
  excluding section 9.4.1.1(g) 8.4.2, and 8.4.3 C304.1.1, C304.3.1.4, C304.3.2.1, C405.6.1

ASHRAE 193—2010 (RA2014) Method of Test for Determining the Airtightness of HVAC Equipment R403.3.2.1

ASTM

ASTM International

100 Barr Harbor Drive, P.O. Box C700

West Conshohocken, PA 19428-2959

Standard Referenced
reference in code
number Title section number

C36/C36M—03 Standard Specification for Gypsum Wallboard R202

C272—01 Test Method for Water Absorption of Core Materials for Structural Sandwich Construction R303.2.1.3

C516—08 Vermiculite Loose Fill Thermal Insulation Table R303.2.1

C549—06 Perlite Loose Fill Insulation Table R303.2.1

C578—08b Rigid, Cellular Polystyrene Thermal Insulation Table R303.2.1

C665—06 Mineral-Fiber Blanket Thermal Insulation for Light Frame
  Construction and

Manufactured Housing Table R303.2.1

C727—01 Standard Practice for Installation and Use of Reflective Insulation in
  Building

Constructions Table R303.2.1

C739—08 Cellulosic Fiber Loose-Fill Thermal Insulation Table R303.2.1

C764—07 Mineral Fiber Loose-Fill Thermal Insulation Table R303.2.1

C1015—06 Standard Practice for Installation of Cellulosic and Mineral Fiber
  Loose-Fill

Thermal Insulation Table R303.2.1

C1029—08 Specification for Spray-applied Rigid Cellular Polyurethane Thermal Insulation Table R303.2.1

C1158—05 Standard Practice for Use and Installation of Radiant Barrier
  Systems (RBS) in Building

Construction Table R303.2.1, R405.7.1

C1224—03 Reflective Insulation for Building Applications Table R303.2

C1289—08 Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board Table 303.2

C1313—05 Sheet Radiant Barriers for Building Construction Applications Table R303.2.1, R405.7.1

C1320—05 Standard Practice for Installation of Mineral Fiber Batt and Blanket
  Thermal Insulation for Light-frame

 Construction Table R303.2.1

ASTM—continued

C1321—04 Standard Practice for Installation and Use of Interior Radiation Control
  Coating Systems (IRCC)

in Building Construction Table R303.2.1, R405.7.1

C1363—11 Standard Test Method for Thermal Performance of Building Materials
  and Envelope Assemblies by Means of a Hot Box Apparatus R303.1.1.1.3

C1371—15 Test Method for Determination of Emittance of Materials
  Near Room Temperature Using Portable

Emissometers R405.7.1, R405.7.2

~~C1549—09(2014)~~ C1549— 2016 Standard Test Method for Determination of Solar Reflectance
  Near Ambient Temperature

Using a Portable Solar Reflector R405.7.2

~~E283—04~~ E283— 2004(2012)

 Test Method for Determining the Rate of Air Leakage Through Exterior
  Windows, Curtain Walls and Doors Under Specified Pressure
  Differences Across the Specimen R402.4.5, Appendix RD

E903—12 E903—2012 Test Method for Solar Absorptance, Reflectance, and Transmittance
  of Materials

Using Integrating Spheres R405.7.2

E1918—06 Standard Test Method for Measuring Solar Reflectance of Horizontal
  and

Low-sloped Surfaces in the Field R405.7.2

**Add new standard(s) as follows:**

**ASTM**

E2178-13: Standard Test Method for Air Permanence of Building Materials

**(EN8567 / CE19-19 Part II AMPC1)**

**Add new reference standard Chapter 6 [RE]:**

**ASTM International**

ASTM C1743-19, Standard Practice for Installation and Use of Radiant Barrier Systems (RBS) in Residential Building Construction

**Delete reference standard Chapter 6 [RE]:**

**ASTM International**

~~ASTM C1158-05, Standard Practice for Use and Installation of Radiant Barrier Systems (RBS) in Building Construction~~

**(EN9965 AS)**

CRRC

Cool Roof Rating Council\

449 15th Street, Suite 400

Oakland, CA 94612

Standard Referenced
reference in code
number Title section number

CRRC-1—2006 CRRC-1 Product Rating Program R405.7.2

CSA

CSA Group

8501 East Pleasant Valley Road

Cleveland, OH 44131-5516

Standard Referenced
reference in code
number Title section number

AAMA/WDMA/CSA
101/I.S.2/A440—11 or 17 North American Fenestration Standard/Specification for
  Windows, Doors and Unit Skylights R402.4.3, Appendix RD Form R402-2020

CSA B55.1—2015 Test Method for measuring efficiency and pressure loss of drain water heat recovery units R403.5.4

CSA B55.2—2015 Drain water heat recover units R403.5.4

DASMA

Door & Access Systems Manufacturers Association International

1300 Sumner Avenue

Cleveland, OH 44115-2851

Standard Referenced
reference in code
number Title section number

ANSI/DASMA ~~105—2016~~ 105-2017 Test Method for Thermal Transmittance and Air Infiltration of
  Garage Doors and Rolling Doors R303.1.3

Florida Codes

Building Codes and Standards Office

Florida Department of Business and Professional Regulation

1940 N Monroe Street, Suite 90A

Tallahassee, FL 32399-0772

Standard Referenced
reference in code
number Title section number

FBC-B—Eight Edition (2023) Florida Building Code, Building R201.3, R303.2, R402.1.1, R402.2.11, R501.4, Appendix RD

FBC-M— Eight Edition (2023) Florida Building Code, Mechanical R201.3, R403.6, R501.4

Florida Codes—continued

FBC-FG— Eight Edition (2023) Florida Building Code, Fuel Gas C201.3, R201.3, R501.4

FBC-P— Eight Edition (2023) Florida Building Code, Plumbing C201.3, R201.3, R501.4

FBC-R— Eight Edition (2023) Florida Building Code, Residential R201.3, R202, R303.2, R402.1.1, Table R402.1.2,

R402.2.11, R402.4.4, R403.6,

R403.13, R405.7.1, R405.7.3, R501.4

FFPC— Eight Edition (2023) Florida Fire Prevention Code C201.3, R201.3, R501.4, RB103.3

FS Florida Statutes R103.1.1.1.2, R103.1.1.2, R104.4, R401.3,

R402.4.1.2, R403.3.2, R406.5

FSEC

Florida Solar Energy Center

1679 Clearlake Road

Cocoa, FL 32922-5703

Standard Referenced
reference in code
number Title 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 Appendix RC, C-1

Available online at: http://www2.fsec.ucf.edu/en/publications/html/FSEC-RR-54-00/index.htm

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HVI

HomeVentilating Institute

~~916—09~~ 916—18 Airflow Test Procedure

ICC

International Code Council, Inc.

500 New Jersey Avenue, NW

6th Floor

Washington, DC 20001

Standard Referenced
reference in code
number Title section number

ICC 400—17 Standard on the Design and Construction of Log Structures Table R402.5.1.1

IECC—15 International Energy Conservation Code® R403.8, R406.2

IECC—09 2009 International Energy Conservation Code® R406.2

IECC—06 2006 International Energy Conservation Code® R202, R406.3.1

IEEE

The Institute of Electrical and Electronic Engineers, Inc.

3 Park Avenue, 17th Floor

New York, NY 10016-5997

Standard Referenced
reference in code
number Title section number

515.1—2012 IEEE Standard for the Testing, Design, Installation, and Maintenance
  of Electrical Resistance Trace Heating for Commercial Applications R403.5.1.2

ISO

International Organization

 for Standardization

Chemin de Blandonnet 8

CP 401

1214 Vernier

Geneva, Switzerland

Standard Referenced
reference in code
number Title section number

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 R403.5.6.2.1

NFPA

National Fire Protection Association.

1 Batterymarch Park

Quincy, MA 02169-7471

Standard Referenced
reference in code
number Title section number

70—2017 National Electrical Code R501.4

**Add new Standard Promulgator and Standard to Chapter 6 [RE] Reference Standards:**

NEMA

National Electrical Manufacturers Association

1300 North 17th Street, Suite 900

Arlington, VA 22209

OS 4-2016            Requirements for Air-Sealed Boxes for Electrical and Communication Applications

**(EN10072 AS)**

NFRC

National Fenestration Rating Council, Inc.

6305 Ivy Lane, Suite 140

Greenbelt, MD 20770

Standard Referenced
reference in code
number Title section number

~~100—2017~~ 100-2020 Procedure for Determining Fenestration Products *U*-factors R303.1.3

~~200—2017~~ 200-2020 Procedure for Determining Fenestration Product Solar Heat Gain Coefficients
  and Visible Transmittance at Normal Incidence R303.1.3

~~400—2017~~ 400-2020 Procedure for Determining Fenestration Product Air Leakage R402.4.3, Appendix RD

RESNET

Residential Energy Services Network, Inc.

ANSI/RESNET/ICC ~~301—~~

~~2014~~ 301—2019 Standard for the Calculation and Labeling of the Energy Performance of ~~Low-rise~~

~~Residential Buildings~~ Dwelling and Sleeping Units using an Energy Rating Index ~~First~~ ~~Published March 7, 2014—Republished January 2016~~

ANSI/RESNET/ICC ~~380—~~

~~2016~~ 380—2019 Standard for Testing Airtightness ~~for Building Enclosures,~~ of Building, Dwelling Unit and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation ~~Systems—Republished January 2016~~ Systems

ANSI/RESNET/ICC 380—201~~6~~9

Standard for Testing Airtightness of Building, Dwelling Unit, and Sleeping Unit Enclosures~~,~~; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems

R402.4.1.2, R403.3.2, Table R405.5.2(1) and Appendix RD

**(EN10205 AS)**

SRCC

Solar Rating and Certification Corporation

c/o Florida Solar Energy Center

1679 Clearlake Road

Cocoa, FL 32922-5703

Standard Referenced
reference in code
number Title section number

FSEC Directory of Certified Solar Systems R403.5.6.2.1

SRCC TM-1 Solar Domestic Hot Water System and Component Test Protocol,

December 6, 2002 R403.5.6.2.1

UL

UL LLC

333 Pfingsten Road

Northbrook, IL 60062

Standard Referenced
reference in code
number Title section number

~~127—11~~ 127—2011 ~~Standard for Factory Built Fireplaces—with Revisions through May 2015~~ Factory-built Fireplaces—with revisions through July 2016

 R402.4.2

~~515—11~~ 515—2015 Electrical Resistance Heat Tracing for Commercial ~~and Industrial~~ Applications ~~Including~~ ~~Revisions through July 2015~~

 R403.5.1.2

US-FTC

United States-Federal Trade Commission

600 Pennsylvania Avenue NW

Washington, DC 20580

Standard Referenced
reference in code
number Title section number

CFR Title 16, Part 460 (2015) R-value Rule R303.1.1.1, R303.1.1.1.2

WDMA

Window and Door Manufacturers Association

2025 M Street NW, Suite 800

Washington, DC 20036-3309

Standard Referenced
reference in code
number Title section number

AAMA/WDMA/CSA
101/I.S.2/A440—11 or 17 North American Fenestration Standard/Specification for
  Windows, Doors and Unit Skylights R402.4.3, Appendix RD Form R402-2020