

CHAPTER 6

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 R106.

AAMA

American Architectural Manufacturers Association
1827 Walden Office Square
Suite 550
Schaumburg, IL 60173-4268

Standard reference number	Title	Referenced in code section number
AAMA/WDMA/CSA 101/I.S.2/A C440-17	North American Fenestration Standard/ Specifications for Windows, Doors and Unit Skylights	R402.4.2

ACCA

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

Standard reference number	Title	Referenced in code section number
Manual J-16	Residential Load Calculation Eighth Edition	R403.6
Manual S-14	Residential Equipment.	R403.6

ANSI

America National Standards Institute
25 West 43rd Street, 4th Floor
New York, NY 10036

Standard reference number	Title	Referenced in code section number
Z21-50-2016/CSA 2.22-16	Vented Decorative Gas Appliances	R403.7.1
Z21.88-2017/CSA 2.23-17	Vented Gas Fireplace Heaters	R403.7.1
Z21.40.2-1996	Gas-fired, Work Activated Air-Conditioning and Heat Pump Appliances (Internal Combustion)	Table R406.3
Z21.40.4-1996	Performance Testing and Rating of Gas-Fired, Air-Conditioning and Heat Pump Appliances	Table R406.3

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APSP

The Association of Pool and Spa Professionals
2111 Eisenhower Avenue
Alexandria, VA 22314

Standard reference number	Title	Referenced in code section number
APSP 14-2019	American National Standard for Portable Electric Spa Energy Efficiency	R403.11
APSP 15a-2013	American National Standard for Residential Swimming Pool and Spa energy efficiency	R403.12

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
ASHRAE-2021	ASHRAE Handbook of Fundamentals	R402.1.5, Table R405.5.2(1)
ASHRAE 193-2010 (RA 2014)	Method of Test for Determining the Airtightness of HVAC Equipment	R403.3.4.1

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2859

Standard reference number	Title	Referenced in code section number
C 1363-11	Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus	R303.1.4.1
E 283-2004 (2012)	Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen	R402.4.3
E 779-2010 (2018)	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization	R402.4.1.2
E1554/E1554M-E2013	Standard Test Methods for Determining Air Leakage of Air Distribution Systems by Fan Pressurization	R403.3.5
E1827-2011 (2017)	Standard Test Method for Determining Airtightness of Building Using an Orifice Blower Door	R402.4.1.2
E2178-2013	Standard Test Method for Air Permeance of Building Materials	R303.1.5
E3158-2018	Standard Test Method for Measuring the Air Leakage Rate of a Large or Multizone Building	R402.4.1.2

CSA

Canadian Standards Association
5060 Spectrum Way
Mississauga, Ontario, Canada L4W 5N6

Standard reference number	Title	Referenced in code section number
AAMA/WDMA/CSA 101/I.S.2/A440-17	North American Fenestration Standard/Specification for Windows, Doors and Unit Skylights	R402.4.2
CSA 55.1-2015	Test Method for Measuring Efficiency and Pressure Loss of Drain Water Heat Recovery Systems	R403.5.4, Table R406.2

CSA—continued

CSA 55.2-2015	Drain Water Heat Recovery Units	R403.5.4
CSA P.4.1-15	Testing Method for Measuring Annual Fireplace Efficiency	R403.7.1

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

Standard reference number	Title	Referenced in code section number
105-2017	Test Method for Thermal Transmittance and Air Infiltration of Garage Doors	R303.1.3

HVI Home Ventilating Institute
 1000 North Rand Road, Suite 214
 Wauconda, IL 60084

Standard reference number	Title	Referenced in code section number
916-18	Airflow Test Procedure	R303.1.3

ICC International Code Council, Inc.
 500 New Jersey Avenue, NW
 6th Floor
 Washington, DC 20001

Standard reference number	Title	Referenced in code section number
ANSI/APSP/ICC 14-2019	American National Standard for Portable Electric Spa Energy Efficiency	R403.11
ANSI/APSP/ICC 15a-2011	American National Standard for Residential Swimming Pool and Spa Energy Efficiency	R403.12
ANSI/RESNET/ICC 380-2019	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
IBC-21	International Building Code	R201.3, R303.2, R402.2.10
ICC 400-17	Standard on the Design and Construction of Log Structures	Table R402.4.1.1
ICC 500-2020	ICC/NSSA Standard for the Design and Construction of Storm Shelters.	R402.5
IFC-21	International Fire Code	R201.3
IFGC-21	International Fuel Gas Code	R201.3
IMC-21	International Mechanical Code	R201.3, R403.2.2, R403.5
IRC-21	International Residential Code	R201.3, R303.2, R402.2.10, R403.2.2, R403.5

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IEEE

The Institute of Electrical and Electronic Engineers, Inc.
3 Park Avenue
New York, NY 10016-5997

Standard reference number	Title	Referenced in code 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
1, Rue de Varembe, Case Postal 56, CH-1211
Geneva, Switzerland

Standard reference number	Title	Referenced in code section number
ISO/IEC 17024-2012	Conformity Assessment: General Requirements for Bodies Operating Certification of Persons.	R402.4.1.2

NEEA

Northwest Energy Efficiency Alliance
421 SW 6th Ave, Suite 600
Portland, OR 97204

Standard reference number	Title	Referenced in code section number
NEEA-2011	Northern Climate Specification for Heat Pump Water Heaters, Vers. 4.0	Table R406.3
NEEA-2019	Advanced Water Heating Specifications for Gas-Fueled Residential Storage Water Heaters, Version 1.0	Table R406.3

NEEP

Northeast Energy Efficiency Partnership, Inc.
24 School Street, 2nd Floor
Boston, MA 02108-4314

Standard reference number	Title	Referenced in code section number
cc ASHP Version 3.1	Cold Climate Air Source Heat Pump (ccASHP) Product List and Specifications: https://neep.org/heating-electrification/ccashp-specification-product-list	Table C406.3

NEMA

National Electrical Manufacturers Association
1300 17th Street N No. 900
Arlington, VA 22209

Standard reference number	Title	Referenced in code section number
OS 4-2016	Requirements for Air-Sealed Boxes for Electrical and Communications Applications.	R402.4.4

NFPA

National Fire Protection Association'
1 Batterymarch Park
Quincy, MA 02169-7417

Standard reference number	Title	Referenced in code section number
70-20	National Electrical Code	R501.4

NFRC

National Fenestration Rating Council, Inc.
6305 Ivy Lane, Suite 140
Greenbelt, MD 20770

Standard reference number	Title	Referenced in code section number
100-2020	Procedure for Determining Fenestration Products U-factors-Second Edition	R303.1.3
200-2020	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence-Second Edition	R303.1.3
400-2020	Procedure for Determining Fenestration Product Air Leakage-Second Edition	R402.4.2

UL

Underwriters Laboratories LLC
333 Pfingsten Road
Northbrook, IL 60062

Standard reference number	Title	Referenced in code section number
UL 127-2011	Factory Built Fireplace	R402.3.6
UL 515-2015	Standard for Electrical Resistance Trace Heating for Commercial Applications	R403.5.1.2
UL 907-1994	Fireplace Accessories (with revisions through April 2010)	R402.3.6

US-FTC

United States-Federal Trade Commission
600 Pennsylvania Avenue NW
Washington, DC 20580

Standard reference number	Title	Referenced in code section number
CFR Title 16-2015	R-value Rule	R303.1.4

WDMA

Window and Door Manufacturers Association
1400 East Touhy Avenue, Suite 470
Des Plaines, IL 60018

Standard reference number	Title	Referenced in code section number
AAMA/WDMA/CSA 101/I.S.2/A440-17	North American Fenestration Standard/Specification for Windows, Doors and Unit Skylights	R402.4.2

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Washington State University Energy Extension Program
905 Plum Street SE, Bldg 3
PO Box 43165
Olympia, WA 98506-3166

Standard reference number	Title	Referenced in code section number
WSU RS 33	Duct Testing Standard for New and Existing Construction Publication No. WSUEEP12-016	R403.2.2
