

## 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 107.

Standard reference number	Title	Referenced in code section number
<b>AAMA</b> American Architectural Manufacturers Association 1827 Walden Office Square Suite 550 Schaumburg, IL 60173-4268		
AAMA/WDMA/CSA 101/I.S.2/A c440—05	Specifications for Windows, Doors and Unit Skylights. . . . .	402.4.4, 502.4.1

Standard reference number	Title	Referenced in code section number
<b>AHRI</b> Air Conditioning, Heating, and Refrigeration Institute 4100 North Fairfax Drive Suite 200 Arlington, VA 22203		
210/240—03	Unitary Air-Conditioning and Air-Source Heat Pump Equipment. . . . .	Table 503.2.3(1), Table 503.2.3(2)
310/380—93	Standard for Packaged Terminal Air-conditioners and Heat Pumps. . . . .	Table 503.2.3(3)
340/360—2000	Commercial and Industrial Unitary Air-conditioning and Heat Pump Equipment . . . . .	Table 503.2.3(1), Table 503.2.3(2)
365—02	Commercial and Industrial Unitary Air-conditioning Condensing Units . . . . .	Table 503.2.3(6)
440—05	Room Fan-coil . . . . .	503.2.8
550/590—98	Water Chilling Packages Using the Vapor Compression Cycle—with Addenda . . . . .	Table 503.2.3(7)
560—00	Absorption Water Chilling and Water Heating Packages . . . . .	Table 503.2.3(7)
840—1998	Unit Ventilators . . . . .	503.2.8
13256-1 (2004)	Water-source Heat Pumps—Testing and Rating for Performance—Part 1: Water-to-air and Brine-to-air Heat Pumps . . . . .	Table 503.2.3(2)
1160—2004	Performance Rating of Heat Pump Pool Heaters . . . . .	Table 504.2

Standard reference number	Title	Referenced in code section number
<b>AMCA</b> Air Movement and Control Association International 30 West University Drive Arlington Heights, IL 60004-1806		
500D—07	Laboratory Methods for Testing Dampers for Rating . . . . .	502.4.5

Standard reference number	Title	Referenced in code section number
<b>ANSI</b> American National Standards Institute 25 West 43rd Street Fourth Floor New York, NY 10036		
Z21.10.3—01	Gas Water Heaters, Volume III - Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating Tank and Instantaneous—with Addenda Z21.10.3a-2003 and Z21.10.3b-2004. . . . .	Table 504.2
Z21.13—04	Gas-fired Low Pressure Steam and Hot Water Boilers . . . . .	Table 503.2.3(5)
Z21.47—03	Gas-fired Central Furnaces . . . . .	Table 503.2.3(4)
Z83.8—02	Gas Unit Heaters and Gas-Fired Duct Furnaces—with Addendum Z83.8a-2003 . . . . .	Table 503.2.3(4)

**REFERENCED STANDARDS**

**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
119—88 (RA 2004)	Air Leakage Performance for Detached Single-family Residential Buildings . . . . .	Table 405.5.2(1)
140—2007	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs . . . . .	506.6.1
146—1998	Testing and Rating Pool Heaters . . . . .	Table 504.2
ANSI/ASHRAE/ACCA Standard 183—2007	Peak Cooling and Heating Load Calculations in Buildings Except Low-rise Residential Buildings . . . . .	503.2.1
13256-1 (2005)	Water-source Heat Pumps—Testing and Rating for Performance—Part 1: Water-to-air and Brine-to-air Heat Pumps (ANSI/ASHRAE/IESNA 90.1-2004) . . . . .	Table 503.2.3(2)
90.1—2007	Energy Standard for Buildings Except Low-rise Residential Buildings (ANSI/ASHRAE/IESNA 90.1-2007) . . . . .	501.1, 501.2, 502.1.1, Table 502.2(2)
ASHRAE—2005	ASHRAE Handbook of Fundamentals . . . . .	402.1.4, Table 405.5.2(1)
ASHRAE—2004	ASHRAE HVAC Systems and Equipment Handbook-2004 . . . . .	503.2.1

**ASME**

American Society of Mechanical Engineers  
Three Park Avenue  
New York, NY 10016-5990

Standard reference number	Title	Referenced in code section number
PTC 4.1 - 1964 (Reaffirmed 1991)	Steam Generating Units . . . . .	Table 503.2.3(5)

**ASTM**

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

Standard reference number	Title	Referenced in code section number
C 90—06b	Specification for Load-bearing Concrete Masonry Units . . . . .	Table 502.2(1)
E 283—04	Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen . . . . .	402.4.5, 502.4.2, 502.4.8

**CSA**

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

Standard reference number	Title	Referenced in code section number
101/I.S.2/A440—08	Specifications for Windows, Doors and Unit Skylights . . . . .	402.4.4, 502.4.1

**DOE**

U.S. 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
10 CFR Part 430, Subpart B, Appendix E (1998)	Uniform Test Method for Measuring the Energy Consumption of Water Heaters . . . . .	Table 504.2
10 CFR Part 430, Subpart B, Appendix N (1998)	Uniform Test Method for Measuring the Energy Consumption of Furnaces and Boilers . . . . .	Table 503.2.3(4), Table 503.2.3(5)

DOE—continued

10 CFR Part 431, Subpart E 2004 DOE/EIA—0376 (Current Edition)	Test Procedures and Efficiency Standards for Commercial Packaged Boilers . . . . . Table 503.2.3(6)
	State Energy Prices and Expenditure Report . . . . . 405.3, 506.2

# ICC

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

Standard reference number	Title	Referenced in code section number
IBC—09	International Building Code® . . . . .	303.2, 201.3
IFC—09	International Fire Code® . . . . .	201.3
IFGC—09	International Fuel Gas Code® . . . . .	201.3
IMC—09	International Mechanical Code® . . . . .	503.2.5, 503.2.6, 503.2.7.1, 503.2.7.1.1, 503.2.7.1.2, 503.2.9.1, 503.3.1, 503.4.5
IPC—09	International Plumbing Code® . . . . .	201.3
IRC—09	International Residential Code® . . . . .	201.3, 403.2.2, 403.6, 405.6.1, Table 405.5.2(1)

# IESNA

Illuminating Engineering Society of North America  
120 Wall Street, 17th Floor  
New York, NY 10005-4001

Standard reference number	Title	Referenced in code section number
90.1-2004	Energy Standard for Buildings Except Low-rise Residential Buildings . . . . .	501.1, 501.2, 502.1.1, Table 502.2(2)

# NFRC

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

Standard reference number	Title	Referenced in code section number
100—04	Procedure for Determining Fenestration Product U-factors—Second Edition . . . . .	303.1.3
200—04	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence—Second Edition . . . . .	303.1.3
400—04	Procedure for Determining Fenestration Product Air Leakage—Second Edition . . . . .	402.4.2, 502.4.1

# SMACNA

Sheet Metal and Air Conditioning Contractors National Association, Inc.  
4021 Lafayette Center Drive  
Chantilly, VA 20151-1209

Standard reference number	Title	Referenced in code section number
SMACNA—85	HVAC Air Duct Leakage Test Manual . . . . .	503.2.7.1.3

# UL

Underwriters Laboratories Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096

Standard reference number	Title	Referenced in code section number
727—06	Oil-fired Central Furnaces . . . . .	Table 503.2.3(4)
731—95	Oil-fired Unit Heaters—with Revisions through February 2006 . . . . .	Table 503.2.3(4)

**REFERENCED STANDARDS**

**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	R-value Rule.....	303.1.4

**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—08	Specifications for Windows, Doors and Unit Skylights.....	402.4.4, 502.4.1