

## 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.

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/a440—05	Specifications for Windows, Doors and Unit Skylights . . . . .	402.4.2, 502.4.1

Air Movement and Control Association International 30 West University Drive Arlington Heights, IL 60004-1806		
Standard reference number	Title	Referenced in code section number
500D—98	Laboratory Methods for Testing Dampers for Rating . . . . .	502.4.4

American National Standards Institute 25 West 43rd Street Fourth Floor New York, NY 10036		
Standard reference number	Title	Referenced in code section number
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)

Air Conditioning and Refrigeration Institute 4301 North Fairfax Drive Suite 200 Arlington, VA 22203		
Standard reference number	Title	Referenced in code section number
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)
460-00	Remote Mechanical-Draft Air-Cooled Refrigerant Condensers. . . . .	Table 503.2.3(11)
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)
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

**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 1994)	Air Leakage Performance for Detached Single-family Residential Buildings. . . . .	Table 404.5.2(1)
146-1998	Testing and Rating Pool Heaters. . . . .	Table 504.2
13256-1 (2004)	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—2004	Energy Standard for Buildings Except Low-rise Residential Buildings (ANSI/ASHRAE/IESNA 90.1-2004). . . . .	501.1, 501.2, 502.1.1, Table 502.2(2)
ASHRAE—2004	ASHRAE Handbook of Fundamentals-2004 . . . . .	402.1.4, Table 404.5.2(1), 503.2.1
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	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—03	Specification for Load-bearing Concrete Masonry Units . . . . .	Table 502.2(1)
E 96—00e01	Standard Test Methods for Water Vapor Transmission of Materials . . . . .	202, 502.5
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 . . . . .	402.4.3, 502.4.2, 502.4.7

**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—05	Specifications for Windows, Doors and Unit Skylights . . . . .	402.4.2, 502.4.1

**CTI**

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

Standard reference number	Title	Referenced in code section number
ATC-105 (2000)	Acceptance Test Code. . . . .	Table 503.2.3(11)
STD-201 (2002)	Certification Standard for Commercial Water Cooling Towers . . . . .	Table 503.2.3(11)

# 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/EIA—0376 (Current Edition)	State Energy Prices and Expenditure Report . . . . .	404.3, 506.2.3

# HI

Hydronics Institute, Division of the Gas Appliance Manufacturers Association  
 P.O. Box 218  
 Berkeley Heights, NJ 07054

Standard reference number	Title	Referenced in code section number
HBS	I=B=R—Testing and Rating Standard for Heating Boilers, 1989 Ed. . . . .	Table 503.2.3(5)

# ICC

International Code Council, Inc.  
 5203 Leesburg Pike, Suite 600  
 Falls Church, VA 22041-3401

Standard reference number	Title	Referenced in code section number
IBC—06	International Building Code® . . . . .	102.2, 201.3
ICC EC—06	ICC Electrical Code® . . . . .	201.3
IFC—06	International Fire Code® . . . . .	201.3
IFGC—06	International Fuel Gas Code® . . . . .	201.3
IMC—06	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—06	International Plumbing Code® . . . . .	201.3
IRC—06	International Residential Code® . . . . .	201.3, 403.2.2, 403.6, 404.6.1, Table 404.5.2(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
90.1-2001	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.  
 8484 Georgia Avenue  
 Suite 320  
 Silver Spring, MD 20910

Standard reference number	Title	Referenced in code section number
100—01	Procedure for Determining Fenestration Product U-Factors—Second Edition . . . . .	102.1.3
200—01	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence—Second Edition . . . . .	102.1.3
400—01	Procedure for Determining Fenestration Product Air Leakage—Second Edition . . . . .	402.4.2, 502.4.1

REFERENCED STANDARDS

**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
181A—98	Closure Systems for Use with Rigid Air Ducts and Air Connectors — with Revisions through December 1998. . . . .	.503.2.7
181B—95	Closure Systems for Use with Flexible Air Ducts and Air Connectors —with Revisions through August 2003 . . . . .	.503.2.7
727—98	Oil-Fired Central Furnaces—with Revisions through January 2001 . . . . .	Table 503.2.3(4)
731—95	Oil-Fired Unit Heaters—with Revisions through January 1999. . . . .	Table 503.2.3(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
101/I.S.2/A440—05	Specifications for Windows, Doors and Unit Skylights . . . . .	.402.4.2, 502.4.1