

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



August 19, 2008

All documents shown immediately below under the titles "Federal Test Methods" or "California Energy Commission Test Methods" are included in the attached CD-rom.

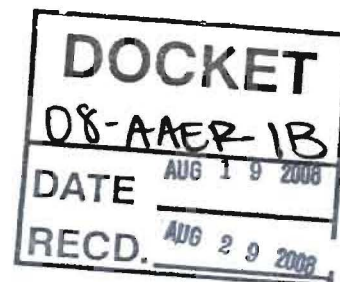
FEDERAL TEST METHODS

CFR, Title 10, Part 430, Subpart B (2008)
CFR, Title 10, Part 430, Appendix B to Subpart F (2008)
CFR, Title 10, Section 430.23 (2008)

CFR, Title 10, Sections 431.15 – 431.21 (2008)
CFR, Title 10, Section 431.93 (2008)
CFR, Title 10, Section 431.204 (2008)
CFR, Title 10, Section 431.224 (2008)
CFR, Title 10, Part 431, Appendix A to Subpart K (2008)
CFR, Title 10, Part 431, Subparts B through W (2008)

CFR, Title 16, Part 305 (2008)

Energy Independence & Security Act 2007 (EISA)

**CALIFORNIA ENERGY COMMISSION TEST METHODS**

CEC/Gas-Fired Heat Pumps Efficiency Calculation Method for Gas-Fired Heat
Pumps as a Exceptional Method (1996) New Compliance Option (1996)

Copies available from: California Energy Commission
Energy Hotline
1516 Ninth Street, MS-25
Sacramento, California 95814
Phone: (916) 654-5106
FAX: (916) 654-4304

ENERGY STAR TEST METHODS

EPA Energy Star Solid State Test Method for Ceiling Fans (2004)

EPA Energy Star Program Requirements for Bottled Water Coolers (2004)

EPA Test Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies" August 11, 2004)

Energy Star Program Requirements for Single Voltage External AC-DC and AC-AC Power Supplies, version 1.1

The above-referenced Energy Star Test Methods are copyrighted documents.

Copies available from: US EPA
Climate Protection Partnership
ENERGY STAR Programs Hotline & Distribution
(MS-6202J)

1200 Pennsylvania Ave NW
Washington, DC 20460
www.energystar.gov

ASSOCIATION OF HOME APPLIANCES MANUFACTURERS (AHAM)

ANSI/AHAM DW-1-1992	Household Electric Dishwashers
ANSI/AHAM HRF-1-1979	Household Refrigerators, Combination Refrigerator-Freezers, and Household Freezers
ANSI/AHAM HRF-1-2004	Household Refrigerators, Combination Refrigerator-Freezers, and Household Freezers

The above-referenced AHAM Test Methods are copyrighted documents.

Copies available from: Association of Home Appliance Manufacturers
1111 19th Street, NW, Suite 402
Washington, DC 20036
www.aham.org
Phone: (202) 872-5955
FAX: (202) 872-9354

AIR-CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE (AHRI)

ANSI/ARI 210/240-2003	Standard for Unitary Air-Conditioning and Air-Source Heat Pump Equipment
ANSI/ARI 310/380-2004	Standard for Packaged Terminal Air-Conditioners and Heat Pumps
ANSI/ARI 320-98	Standard for Water-Source Heat Pumps
ANSI/ARI 340/360-2004	Commercial and Industrial Unitary Air-Conditioning Equipment
ARI 810-2003	Automatic Commercial Ice-Makers
ARI 1200-2006	Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets
ARI/ISO 13256-1:1998	Standard for Water-Source Heat Pumps

The above-referenced AHRI Test Methods are copyrighted documents.

Copies available from: Air-Conditioning and Refrigeration Institute
4301 North Fairfax Drive, Suite 425
Arlington, VA 22203
www.ahrinet.org
Phone: (703) 524-8800
FAX: (703) 528-3816

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI C78.1-1991 (R1996)	Dimensional and Electrical Characteristics of Fluorescent Lamps, Rapid Start Types
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ANSI C78.21-1989	Incandescent Lamps – PAR and R Shapes
ANSI C78.3-1991 (R1996)	Dimensional and Electrical Characteristics of Fluorescent Lamps, Instant Start and cold Cathode Types
ANSI C78.81-2003	American National Standard for Electric Lamp Bases
ANSI C78.43-2005	American National Standards for Electric Lamps - Single-Ended Metal Halide Lamps
ANSI C79.1-1994	Nomenclature for Glass Bulbs – Intended for Use with Electric Lamps
ANSI-IEC C81.61-2003	American National Standard for Electric Lamp Bases
ANSI C81.61-2006	Specifications for Electric Bases
ANSI C-82.2-1984	Fluorescent Lamp Ballasts, Methods of Measurement
ANSI C82.6-2005	Ballasts for High Intensity Discharge Lamps – Method of Measurement
ANSI Z21.10.3-1998 and Instantaneous	Standard for Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu per hour, Circulating
ANSI Z21.40.4-1996 Heat Pump Appliances	Performance Testing and Rating of Gas-Fired Air-Conditioning and
ANSI Z21.47-2001	Standard for Gas-Fired Central Furnaces
ANSI Z21.56-1994	Standard for Gas-Fired Pool Heaters
ANSI Z83.8-2002	Standard for Gas Unit Heaters and Gas-Fired Duct Furnaces
ANSI Z83.19-2001	Standard for Gas-Fired High-Intensity Infrared Heaters
ANSI Z83.20-2001	Standard for Gas-Fired Low-Intensity Infrared Heaters
ANSI C78.1-1991 (R1996)	Dimensional and Electrical Characteristics of Fluorescent Lamps, Rapid Start Types
ANSI C78.3-1991 (R1996)	Dimensional and Electrical Characteristics of Fluorescent Lamps, Instant Start and cold Cathode Types

The above-referenced ANSI Test Methods are copyrighted documents.

Copies available from:

American National Standards Institute
1819 L Street, NW, 6th Floor
Washington DC 20036
www.ansi.org
Phone: (202) 293-8020
FAX: (202) 293-9287

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM C518-2004	Standard Test Method for Steady-State Thermal Transmission Properties
ANSI/ASTM F1496-99	Standard Test Method for Performance of Convection Ovens
ANSI/ASTM F1521-96	Standard Test Methods for Performance of Range Tops
ANSI/ASTM F2022-00	Standard Test Method for Performance of Booster Water Heaters
ANSI/ASTM F2140-01	Standard Test Method for the Performance of Hot Food Holding Cabinets
ANSI/ASTM F2143-01 and Preparation Tables	Standard Test Method for the Performance of Refrigerated Buffet
ANSI/ASTM F2324-03	Standard Test Method for Pre-Rinse Spray Valves

The above-referenced ASTM Test Methods are copyrighted documents.

Copies available from: ASTM
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
www.astm.org
Phone: (610) 832-9585
FAX: (610) 832-9555

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS (ASHRAE)

ANSI/ASHRAE 32.1 2004	Methods of Testing for Rating Vending Machines for Bottled, Canned, and Other Sealed Beverages
ASHRAE 58-74	Method of Testing Room Air Conditioner Heating Capacity
ANSI/ASHRAE 72-2005	Method of Testing Commercial Refrigerators and Freezers
ANSI/ASHRAE/IESNA 90.1-2007	Energy Standard for Buildings Except Low-Rise Residential Buildings
ANSI/ASHRAE 118.2-1993	Method of Testing for Rating Residential Water Heaters
ANSI/ASHRAE 124-2007	Method of Testing for Rating Combination Space-Heating and Water-Heating Appliances
ANSI/ASHRAE 127-2001 Unitary Air-Conditioners	Method of Testing for Rating Computer and Data Processing Room
ANSI/ASHRAE 128-2001	Method of Rating Spot Unitary Air Conditioners
ANSI/ASHRAE 133-2001	Method of Testing Direct Evaporative Air Coolers
ANSI/ASHRAE 143-2000	Method of Test for Rating Indirect Evaporative Coolers
ANSI/ASHRAE 146-1998	Method of Testing and Rating Pool Heaters

The above-referenced ASHRAE Test Methods are copyrighted documents.

Copies available from: American Society of Heating, Refrigerating and
Air-Conditioning Engineers
1791 Tullie Circle N.E.
Atlanta, GA 30329
www.ashrae.org
Phone: (800) 527-4723 (U.S./Canada) or (404) 636-8400
FAX: (404) 321-5478

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)

ANSI/ASME A112.18.1M-1996 Plumbing Fixture Fittings
ANSI/ASME A112.19.6-1995 Hydraulic Performance Requirements for Water Closets and
Urinals

The above-referenced ASME Test Methods are copyrighted documents.

Copies available from: ASME International
Three Park Avenue
New York, NY 10016-5990
www.asme.org
Phone: (800) THE-ASME (U.S./Canada)
95-800-843-2763 (Mexico)
(973) 882-1167 (Outside North America)

ECOS CONSULTING

Energy Efficiency Battery Charger System Test Procedure Version 2.1.4
dated August 1, 2008

The above-referenced ECOS Test Method is a copyrighted document.

Copies available from: Ecos Consulting
801 Florida Road, # 11
Durango, CO 81301
<http://www.efficientproducts.org/>
Phone: (970) 259-6801
FAX: (970) 259-8585

HOME VENTILATING INSTITUTE (HVI)

HVI-916 (2005) Air-flow Test Procedure

The above-referenced HVI Test Method is a copyrighted document.

Copies available from: Home Ventilating Institute
1000 N. Rand Rd., Suite 214
Wauconda, IL 60084
www.hvi.org
Phone: (847)-526-2010
FAX: (847) 526-3993

HYDRAULIC INSTITUTE (HI)

ANSI/HI 1.6-2000 Centrifugal Pump Tests

The above-referenced HI Test Method is a copyrighted document.

Copies available from: Hydraulic Institute
9 Sylvan Way
Parsippany, NJ 07054
<http://www.pumps.org/>
www.hydraulicinstitute.com
Phone: (973) 267-9700
FAX: (973) 267-9055

HYDRONICS INSTITUTE –SECTION OF AHRI (HI-A)

BTS-2000 Method to Determine Efficiency of Commercial Space Heating Boilers

The above-referenced HI-A Test Method is a copyrighted document.

Copies available from: Hydronics Institute Section of AHRI
P.O. Box 218
Berkeley Heights, NJ 07922-0218
www.ahrinet.org
Phone: (908) 464-8200
FAX: (908) 464-7818

INTERNATIONAL COMMISSION ON ILLUMINATION (CIE)

CIE Publication 13.3 1995 Method of Measuring and Specifying Colour Rendering Properties of Light Sources

The above-referenced CIE Test Method is a copyrighted document.

Copies available from: International Commission on Illumination
CIE Central Bureau
Kegelgasse 27
A-1030 Vienna
AUSTRIA
Phone: +43 1 714 31 87 0
FAX: +43 1 714 31 87 18
e-mail: ciecb@cie.co.at

INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)

IEC 60034-1 (1996) Rotating Electrical Machines

IEC 60034-12 (1980) Rotating Electrical Machines, Part 12: Starting Performance of Single-Speed Three-Phase Cage Induction Motors for Voltages Up to and Including 660 V

IEC 60050-411 (1996) International Electrotechnical Vocabulary Chapter 411: Rotating Machines

IEC 60072-1 (1991) Dimensions and Output Series for Rotating Electrical Machines-Part 1: Frame Numbers 56 to 400 and Flange Numbers 55 to 1080

IEC 62087 (2002) (E) Methods of Measurement for the Power Consumption of Audio, Video, and Related Equipment.

The above-referenced IEC Test Methods are copyrighted documents.

Copies available from: International Electrotechnical Commission
3, rue de Varembé
P.O. Box 131
CH – 1211 Geneva 20
Switzerland
<http://www.iec.ch>
Phone: +41 22 919 02 11
FAX: +41 22 919 03 00

ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA)

IESNA LM-16-1999 IES Practical Guide to Colorimetry of Light Sources

The above-referenced IESNA Test Method is a copyrighted document.

Copies available from: Illuminating Engineering Society of North America
120 Wall Street, 17th Floor
New York, NY 10005-4001
www.iesna.org
Phone: (212) 248-5000
FAX: (212) 248-5017/18

INTERNATIONAL ORGANIZATION FOR STANDARDS (ISO)

ISO 13256-1-1998 Water-source heat pumps-Testing and rating for performance-Part 1:
Water-to-air and brine-to-air heat pumps

The above-referenced ISO Test Method is a copyrighted document.

Copies available from: ISO Central Secretariat
International Organization for Standardization (ISO)
1, rue de Varembé, Case postale 56
CH-1211 Geneva 20, Switzerland
www.iso.org
Phone: +41 22 749 01 11
FAX: +41 22 733 34 30

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

IEEE 114-2001 Standard Test Procedures for Single-Phase Induction Motors

The above-referenced IEEE Test Method is a copyrighted document.

Copies available from: Institute of Electrical and Electronics Engineers
Publications Office
10662 Los Vaqueros Circle
PO Box 3014
Los Alamitos, CA 90720-1264
www.ieee.org
Phone: (714) 821-8380
Fax: (714) 821-4010

NATIONAL ELECTRIC CODE (NEC)

ANSI/NFPA 70 2002 National Electrical Code 2002

The above-referenced NEC Test Method is a copyrighted document.

Copies available from: National Fire Protection Agency
1 Batterymarch Park
Quincy, MA 02169-7471
www.nfpa.org
Phone: (617) 770-3000
FAX: (617) 770-0700

NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION (NEMA)

NEMA MG1-1987	Motors and Generators
NEMA MG1-1993	Motors and Generators
NEMA Premium™: Product Scope and Nominal Efficiency Levels (2001)	Motors
NEMA MG1-2006 NEMA Standard TP-1-2002, Table 4-2	Motors and Generators Guide for Determining Energy Efficiency of Distribution Transformers Efficiency
NEMA TP2-1998	Standard Test Method for Measuring the Energy Consumption of Distribution Transformers
NEMA TP3-2000	Standard for the Labeling of Distribution Transformer

The above-referenced NEMA Test Methods are copyrighted documents.

Copies available from: National Electric Manufacturers Association
1300 N. 17th Street, Suite 1847
Rosslyn, VA 22209
www.nema.org
Phone: (703) 841-3200
FAX: (703) 841-3300

NSF INTERNATIONAL

NSF/ANSI 51	Food Equipment Materials
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The above-referenced NSF Test Method is a copyrighted document.

Copies available from: NSF International
Standards Department
789 Dixboro Road
P. O. Box 130140
Ann Arbor, MI 48113-0140
www.nsf.org
Phone: (734) 769-8010
FAX: (734) 769-0109

OPTICAL SOCIETY OF AMERICA (OSA)

Journal of Optical Society of America, Volume 58 (1986)

The above-referenced Journal of Optical Society of America Test Method is a copyrighted document.

Copies available from: Optical Society of America
2010 Massachusetts Ave., N.W.
Washington, D.C. 20036-1012 USA
www.osa.org
Phone: 202.223.8130
FAX: 202.223.1096

PG&E FOOD SERVICE TECHNOLOGY CENTER (FSTC)

FSTC 025-01 Standard Test Method for the Performance of Patio Heaters

The above-referenced FTSC Test Method is a copyrighted document.

Copies available from: PG&E Food Service Technology Center
12949 Alcosta Boulevard, Suite 101
San Ramon, CA 94583
www.fishnick.com
Phone: (925) 866-2844
FAX: (925) 866-2864

POOL HEAT PUMP MANUFACTURERS ASSOCIATION

Addendum Test Procedure – April 1999,
Rev. 4: Feb. 28, 2000

The above-referenced Pool Heat Pump Manufacturers Association Test Method is a copyrighted document.

Copies available from: Pool Heat Pump Manufacturers Association
Jeff Tawney, President
c/o Aquacal
2737 24th Street, North
St. Petersburg, FL 33713
Phone: (727) 823-5642 Ext. 130

UNDERWRITERS LABORATORIES, INC. (UL)

UL 727-1994	Standard for Safety for Oil-Fired Central Furnaces
UL 731-1995	Standard for Safety for Oil-Fired Unit Heaters
UL 924-1995 (rev. 1999)	Standard for Safety for Emergency Lighting and Power Equipment
UL 1029-2001	Standard for High-Intensity-Discharge Lamp Ballasts

The above-referenced UL Test Methods are copyrighted documents.

Copies available from: Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
www.ul.com
Phone: (847) 272-8800
FAX: (847) 272-8129