**DATA SOURCES DIRECTORY
FOR PURCHASING OFFICIALS:**

***Energy-Efficient and
Environmentally Preferred Products***

***Prepared for
The Energy-Efficient Procurement Collaborative***

September 1995

2 Empire State Plaza, Suite 1901, Albany, New York 12223-1253

MASTER

Participants in the **Energy-Efficient Procurement Collaborative** include the following:

Alabama Division of Purchasing	Missouri Department of Administration
Alaska Department of Administration	Montana Department of Administration
Alliance to Save Energy	National Association of State Energy Officials
American Council for an Energy-Efficient Economy	National Institute for Government Purchasing
American Samoa Office of Material Management	National Institute of Building Sciences
Arizona State Procurement Office	National Renewable Energy Laboratory
Arkansas Office of State Purchasing	Natural Resources Defense Council
Battelle Washington Operations	Nebraska Department of Administrative Services
Bonneville Power Administration	Nevada Department of Administration
California Department of General Services	New Hampshire Department of Administrative Services
California Energy Commission	New Jersey Department of Environmental Protection
Colorado Department of Administration	New Mexico Department of General Services
Connecticut Department of Administrative Services	NYS Energy Research and Development Authority
Conservation Law Foundation	NYS Office of General Services
Consortium for Energy Efficiency	North Carolina Department of Administration
D.C. Department of Administrative Services	North Dakota Office of Management and Budget
Defense General Supply Center	North Mariana Islands Department of Finance
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Delaware Department of Administrative Services	Office of Federal Procurement Policy
Department of the Navy	Office of the Secretary of Defense
Electric Power Research Institute	Ohio Department of Administrative Services
Environmental Policy Center of the Midwest	Oklahoma Department of Central Services
Federal Environmental Executive	Oregon Department of Administrative Services
Florida Department of Management Services	Pacific Northwest Laboratory
Florida Solar Energy Center	Pennsylvania Department of General Services
General Services Agency -- D.C.	Puerto Rico Department of Administrative Services
Georgia Department of Administrative Services	Rensselaer Polytechnic Institute
Government Purchasing Project	Rhode Island Department of Administration
Government of the Virgin Islands	South Carolina Division of General Services
Green Seal	South Dakota Office of Purchasing & Printing
Hawaii State Procurement Office	Tennessee Department of General Services
Idaho Department of Administration	Texas Purchasing & General Services Commission
Illinois Department of Central Management	The Evergreen State College
Indiana Department of Administration	U.S. Army Corps of Engineers
Iowa Department of General Services	U.S. Department of Energy
Kansas Department of Administration	U.S. Department of Housing & Urban Development
Lawrence Berkeley Laboratory	U.S. Environmental Protection Agency
Lighting Design Laboratory	U.S. General Services Administration
Louisiana Office of State Purchasing	Utah Department of Administrative Services
Maine Department of Administrative & Financial Services	Vermont General Services Department
Maryland Department of General Services	Virginia Department of General Services
Massachusetts Division of Energy	Washington State Energy Office
Massachusetts Institute of Technology	West Virginia Department of Finance & Administration
Michigan Office of Purchasing	Wisconsin Center for Demand-Side Research
Minnesota Department of Administration	Wisconsin Department of Administration
Mississippi Office of Purchasing and Travel	Wyoming Department of Administration and Information

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DATA SOURCES DIRECTORY FOR PURCHASING OFFICIALS

About the Directory

This Directory, produced by the New York State Energy Research and Development Authority, is an introduction to organizations that provide information about energy-efficient and environmentally preferred equipment and products. It is intended to be a reference tool for purchasing officials in the public and private sectors.

The New York State Energy Research and Development Authority does not endorse any particular vendor, organization, or technology. This list was prepared to provide information. The companies listed may provide additional products and/or services not mentioned in this directory. For more information about the products and services, contact the companies directly.

If you know of or represent a firm that should be included in the directory, contact Priscilla Richards at the address or phone number listed below.

How to Use This Directory

The Data Sources Directory for Purchasing Officials is designed to point you toward information about energy-efficient and environmentally preferred equipment and products. Listings in the Directory identify data sources that enable you to compare equipment from different manufacturers. Lists of equipment and products from individual manufacturers are easily available elsewhere, but only the Directory identifies sources for comparative and analytical information.

The source listings are intended to give enough information for you to decide if the data source would be useful. The listings provide contact names and phone/fax numbers so you can obtain additional information. The listings are not intended to be exhaustive descriptions of the information in the data sources.

The listings in the Directory are organized into Databases and Guides. Each contains six equipment categories: commercial appliances, electrical equipment, lighting, office equipment, residential appliances, and space conditioning equipment. All information was made available by the custodial organizations.

Each listing includes:

- A brief description of the data source
- A list of the type of information it includes
- The name of the organization that maintains the database
- A contact name and address, telephone, fax, e-mail

A comprehensive list of the information categories and available choices are identified below. All categories may not appear for all listings; information that does not apply to a particular entry is not included in the narrative.

Information Categories and Choices:

Name of organization that maintains the information

Equipment characteristics

MANUFACTURER-SPECIFIC: The manufacturer is identified for each piece of equipment in the data source. Manufacturer-specific information may include brand names, trade names, etc.

MODEL-SPECIFIC: Model numbers listed for each piece of equipment in the data source.

PERFORMANCE-SPECIFIC: Information is provided on operational characteristics (e.g., for ballasts, this would include such items as input watts, relative light output, and total harmonic distortion).

Size range of covered equipment

For example, a database may cover lamps ranging from 1.8 to 18 watts, or motors up to 150 horsepower.

Fields in the database

The field lists are representative of the types of information in the databases. They do not necessarily include every field, particularly fields for internal use (record numbers, etc.)

Testing and certification

Choices include the following:

- In-house testing is conducted of all listed products

- Random testing is conducted of listed products

- Independent labs test all listed products

- Independent labs test a random selection of listed products

- Trade associations certify data

- Certified labs conduct random testing using certified values

- Manufacturers supply data or literature

- Manufacturers supply independent test reports

Special notes

Individual features of each data source (e.g., does it include only energy-efficient products, does accessing it require additional software-analysis capabilities, etc.)

Frequency of updating

How often is the database updated?

Limits on use of data

Are data proprietary or copyrighted? If no limits were indicated in the survey response, this option is shown as "unlimited."

How information is made available

Choices include paper, diskette, CD-Rom, by modem, or through internet. All appropriate means will be indicated. For modem and internet access, the entry also will indicate whether the access system uses a bulletin board system, custom menus, WAIS query language, or database query language. For electronically distributed data, the text will indicate the format in which it is available. Choices include ASCII format, database format, and customer-provided software programs.

Cost for using or accessing the data

Contact person

This includes a name (if given), address, phone number, fax number, and E-Mail address (if given).

Suggestions for Improving Future Editions:

Please let us know in what ways you found this directory useful, as well as any specific suggestions you may have for improving future editions. Please direct your comments to:

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The Energy-Efficient Procurement Collaborative
c/o New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901
Albany, New York 12223-1253
(518) 465-6251, Ext. 312
(518) 449-4989 (fax)
pjr@nyserda.org

Acknowledgements

The Energy Authority acknowledges the support and cooperation of the following individuals and organizations in putting together this directory: Thomas V. Bee of the U.S. Department of Defense; Mark Ginsberg, George Burmeister, and Jim Brodrick of the U.S. Department of Energy; Linda Latham of the U.S. Environmental Protection Agency; the Air-Conditioning and Refrigeration Institute; the American Council for an Energy-Efficient Economy; the Association of Home Appliance Manufacturers; the California Energy Commission; the Defense Logistics Agency of the Defense General Supply Center; the Electric Power Research Institute; the Florida Solar Energy Center; the Gas Appliances Manufacturers Association; Green Seal; the Hydronics Institute; and the Lighting Research Center. Thanks also to the participants in the procurement collaborative, who although too numerous to thank individually, provided the assistance and feedback that made this project a reality.

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Database Listings

COMMERCIAL APPLIANCES

REFRIGERATION

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on commercial refrigeration equipment ranging from 2.2 to 73.7 cubic feet.

The database includes the following fields: manufacturer, brand, model, style, defrost type, fresh food volume, freezer volume, total volume, height, width, depth, anti-sweat heater switch, DOE-covered product, daily energy consumption, and CFC-free.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

ELECTRICAL EQUIPMENT

ADJUSTABLE-SPEED DRIVES

- Description* The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on adjustable-speed drives.
- Information for the product listings comes from manufacturer-supplied data or literature. Only energy-efficient products are included.
- Data use is limited by request that copies be made only with prior approval.
- Information is updated annually.
- Access* This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.
- Cost* \$5 for a paper copy of Motors and Drives. No fee for bulletin-board system access other than the cost of long-distance phone service.
- For more information, please contact:*
Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

ELECTRIC MOTORS

- Description* The Washington State Energy Office maintains a database that provides model-, performance-, and manufacturer-specific information on NEMA Design A and B three-phase electric motors ranging from 1 to 600 horsepower.
- The database includes the following fields: manufacturer's name; motor model; catalog number; frame size; full load, locked rotor, and idle amperage draw; full-load RPM; service factor; warranty period; full- and part-load efficiency and power factor values; and list price.
- Information for the product listings comes from manufacturer-supplied data or literature, and trade association-certified data.
- In addition to the database feature, MotorMaster contains complete motor systems analysis capability applicable to new motor purchase, motor rewind, or oversized and underloaded motor-replacement actions. The analyses take into account differences in motor speed resulting from changes in the load/slip relationship.
- Data use is limited by copyright.
- Information is updated annually.

- Access** This information is available on diskette. Files are provided with an executable custom-provided software program. MotorMaster requires an IBM-compatible computer with hard disk, 640 KB of memory, DOS 3.3 or higher, and about 4 MB of free disk space.
- Cost** \$100 annual registration fee.
- For more information, please contact:*
Gilbert McCoy, P.E.
Energy Systems Engineer
Washington State Energy Office
925 Plum Street, SE
Town Square Building #4
Olympia, WA 95804-3165
Phone: (360) 956-2086
Fax: (360) 956-2217
-
- Description** The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on electric motors. Only energy-efficient products are included.
- The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is limited by request that copies be made only with prior approval.
- Information is updated annually.
- Access** This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.
- Cost** \$5 for a paper copy of Motors and Drives. No fee for bulletin-board system access other than the cost of long-distance phone service.
- For more information, please contact:*
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Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010
-

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on electric motors ranging from 1 to 600 horsepower.

The database includes the following fields: manufacturer, model, horsepower, speed, enclosure, catalog number, frame, voltage, full-load RPM, efficiency ratings at one-half and three-quarter loads, and power factor at full load.

Information for the product listings comes from manufacturer-supplied data or literature. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

LIGHTING

COMPACT FLUORESCENT FIXTURES

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on compact fluorescent fixtures. Only energy-efficient products are included.

The database includes the following fields: manufacturer, model, lamp shape, number of cells, louver dimensions, number of lamps, width, length, and total luminaire efficiency.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

COMPACT FLUORESCENT LAMPS

Description The Defense Logistics Agency maintains a database that provides performance-specific information on compact fluorescent lamps ranging from 5 to 38 watts. Only energy-efficient products are included.

The database includes the following fields: lamp type, base, descriptor, national stock number, watts, voltage, lumens, lifespan, minimum operating temperature, length, and model numbers for General Electric, Osram/Sylvania, and Philips.

Information for the product listings comes from manufacturer-supplied independent test report, and manufacturer-supplied data or literature.

Data use is unlimited.

Access This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.

Cost No cost is indicated.

For more information, please contact:
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291

- Description* The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on compact fluorescent lamps. Only energy-efficient products are included.
- The database includes the following fields: manufacturer, address, phone number, fax number, company type, and list of products.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is limited by request that copies be made only with prior approval.
- Information is updated annually.
- Access* This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.
- Cost* \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:
Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

- Description* The Green Seal maintains a database that provides manufacturer-specific information on compact fluorescent lamps. The database only includes Green Seal-certified products.
- The database includes the following fields: product name, number of products, and manufacturer contact information (contact name, address, and phone number).
- The sources used to obtain the product listings information were not identified.
- Data use is unlimited.
- Information is updated monthly.
- Access* This information is available on paper.

Cost None

For more information, please contact:

Dana Hollish
Green Seal
1730 Rhode Island Ave., N.W.
Suite 1050
Washington, DC 20036-3101
Phone: (202) 331-7337
Fax: (202) 331-7533

Description The Lighting Research Center maintains a database to produce a Specifier Report that provides model-, performance-, and manufacturer-specific information on compact fluorescent lamps ranging from 13 to 30 watts. The report covers screwbase compact fluorescent lamp products only. A separate specifier report on compact fluorescent lamp downlights will be available soon.

The report includes background information on the covered products, a discussion of performance characteristics, including efficacy, light output, light distribution, cost, light loss factors, position effects, power quality, human response and lifespan, a discussion of alternative technologies, manufacturer-supplied information, and performance evaluations. The reported evaluation information includes manufacturer, trade name, lamp type, ballast factor for base-up position, position factor for base-down position and active power, power factor, total harmonic distortion, lamp current crest factor, and light output for base-up and base-down positions.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by copyright.

Information is updated as needed.

Access This information is available on paper and through internet at
<http://www.rpi.edu/dept/lrc/LRC.html>.

Cost Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on compact fluorescent lamps ranging from 5 to 40 watts. Only energy-efficient products are included.

The database includes the following fields: manufacturer, model, lamp class, nominal length, lamp type, rated watts, base, number of pins, and lumens per watt.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

EFFICIENT TASK LIGHTING

Description The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on efficient task lighting. Only energy-efficient products are included.

The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:
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Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

EXIT SIGNS AND RETROFIT KITS

- Description* The Defense Logistics Agency maintains a database that provides performance-specific information on exit sign retrofit kits and lamps ranging from 1.8 to 18 watts. Only energy-efficient products are included.
- The database includes the following fields: lamp type, base, descriptor, national stock number, watts, volts, start-up current, operating current, lumens, lifespan, length, and model numbers for General Electric, Osram/Sylvania, and Philips.
- Information for the product listings comes from manufacturer-supplied independent test reports, data, or literature.
- Data use is unlimited.
- Access* This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.
- Cost* No cost is indicated.
- For more information, please contact:*
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291
-

- Description* The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on exit sign retrofit kits and lamps. Only energy-efficient products are included.
- The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

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Description The Lighting Research Center maintains a database to produce a Specifier Report that provides model-, performance-, and manufacturer-specific information on exit signs and retrofit kits.

The report covers background information, options for specifiers, guidelines for selecting exit signs, manufacturer-supplied data, and performance evaluations. The reported evaluation information includes manufacturer, trade name, catalog number, sign format, letter color, active power, power factor, apparent power, readability with lights on and lights off, background color, mean letter luminance, letter luminance range, mean background luminance, background luminance range, and luminance contrast.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by copyright.

Information is updated as needed.

Access This information is available on paper and through internet at <http://www.rpi.edu/dept/lrc/LRC.html>.

Cost Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

FLUORESCENT LAMP BALLASTS

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on fluorescent lamp ballasts.

The database includes the following fields: manufacturer, brand, model, voltage, number and type of lamps, relative light output for each sample, ballast power input for each sample, sample average relative light output, sample average ballast power input, ballast efficacy factor, dimming, circuit type, and type of start.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:
Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The Defense Logistics Agency maintains a database that provides performance-specific information on fluorescent lamp ballasts. Only energy-efficient products are included.

The database includes the following fields: ballast type, start-up conditions, compatible lamp information (number, length, voltage), national stock number, input watts, input current, ballast factor, total harmonic distortion, minimum operating temperature, and model numbers for Advance, General Electric/Motorola, Magnetek, Osram/Sylvania, and Valmont.

Information for the product listings comes from manufacturer-supplied independent test reports and manufacturer-supplied data or literature.

Data use is unlimited.

Access This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.

Cost No cost is indicated.

For more information, please contact:
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291

Description The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on fluorescent lamp ballasts. The database includes only energy-efficient products.

The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:
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Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

Description The Lighting Research Center maintains a database to produce Specifier Reports that provide model-, performance-, and manufacturer-specific information on fluorescent lamp ballasts. There are two separate reports, one for electronic ballasts and the other for hybrid (cathode disconnect) ballasts.

Each report covers types of ballasts; performance characteristics including ballast factor, ballast efficacy factor, system efficacy, interaction effects, power quality, flicker, sound, ballast life and reliability; lamp life considerations; ballast installation and disposal; and manufacturer-supplied and performance evaluation data. The reported evaluation information includes manufacturer, trade name, catalog number, active power, total harmonic distortion, current crest factor, ballast factor, and ballast efficacy factor. Information for electronic ballasts also includes operating frequency, electrode preheat time, glow current, and power factor.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by copyright.

Information is updated as needed.

Access This information is available on paper and through internet at <http://www.rpi.edu/dept/lrc/LRC.html>.

Cost Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

LRC Publications

Lighting Research Center

Rensselaer Polytechnic Institute

Troy, NY 12180-3590

Phone: (518) 276-8716

Fax: (518) 276-2999

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on fluorescent lamp ballasts. Only energy-efficient products are included.

The database includes the following fields: manufacturer, model, volts, lamp type, rated and input watts, ballast type, number of lamps, ballast efficacy factor, total harmonic distortion, relative light output, crest and power factor, and test date. Information on compact lamp ballasts also includes lumens per watt.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

<i>Description</i>	<p>The Washington State Energy Office maintains a database that provides model-, performance-, and manufacturer-specific information on fluorescent lamp ballasts. In addition to the database feature, BallastMaster contains complete lighting systems analysis capability applicable to new construction and retrofit scenarios. The analyses take into account interactions among ballast, lamps, supply voltage, fixtures, and wiring.</p> <p>The database includes the following fields: manufacturer; model and catalog number; type; input watts; start-up conditions; compatible lamp information (number, length, watts, diameter, voltage); line current; total harmonic distortion; ballast, ballast efficacy, power, and crest factor; minimum starting temperature; data source; lab report number and date; warranty period; special features; sound rating; and UL, CBM, or CSA listing.</p> <p>Information for the product listings comes from manufacturer-supplied data or literature and independent laboratory testing of all listed models.</p> <p>Data use is limited by copyright.</p> <p>Information is updated every 6 months.</p>
<i>Access</i>	<p>This information is available on diskette. Files are provided with an executable custom-provided software program.</p>
<i>Cost</i>	<p>Not yet established, but expected to be less than \$200.</p> <p><i>For more information, please contact:</i> Gilbert McCoy, P.E. Energy Systems Engineer Washington State Energy Office 925 Plum Street, SE Town Square Building #4 Olympia, WA 95804-3165 Phone: (360) 956-2086 Fax: (360) 956-2217</p>

HIGH-INTENSITY DISCHARGE BALLASTS

<i>Description</i>	<p>The Defense Logistics Agency maintains a database that provides performance-specific information on high-intensity discharge ballasts. Only energy-efficient products are included.</p> <p>The database includes the following fields: ballast description; volts; input watts and current; capacitor; national stock numbers; model numbers for Advance, Magnetek, and Valmont; lamp wattage; and ANSI numbers.</p> <p>Information for the product listings comes from manufacturer-supplied independent test reports, data, or literature.</p> <p>Data use is unlimited.</p>
<i>Access</i>	<p>This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at http://www.dgse.dla.mil by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.</p>

Cost No cost is indicated.

For more information, please contact:
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291

Description The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on high-intensity discharge ballasts. Only energy-efficient products are included.

The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:
Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on high intensity discharge lamp ballasts. Only energy-efficient products are included.

The database includes the following fields: manufacturer, model, volts, lamp type, rated and input watts, ballast type, number of lamps, total harmonic distortion, relative light output, and crest and power factors.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

HIGH-INTENSITY DISCHARGE FIXTURES

Description The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on high-intensity discharge fixtures. Only energy-efficient products are included.

The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:

Kashif Hannani

Research Scientist

Building Design Assistance Center

Florida Solar Energy Center

1679 Clearlake Road

Cocoa, FL 32922

Phone: (407) 638-1000

Fax: (407) 638-1010

Description The Lighting Research Center maintains a database to produce a Specifier Report that provides model-, performance-, and manufacturer-specific information on high-intensity discharge parking lot luminaires.

The report includes background discussions on luminaire types and components; discussions of performance characteristics, including luminaire efficiency, candlepower distribution, and luminaire glare; manufacturer-supplied performance data; and computer simulation results. The computer simulation information includes luminaire type, efficiency, percent lumens, average, maximum and minimum horizontal illuminances, and average/minimum and maximum/minimum illuminance uniformity ratios.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by copyright.

Information is updated as needed.

Access This information is available on paper and through internet at <http://www.rpi.edu/dept/lrc/LRC.html>.

Cost Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on high-intensity discharge fixtures. Only energy-efficient products are included.

The database includes the following fields: manufacturer, model, lamp shape, number of cells, louver dimensions, number of lamps, width, length, total luminaire efficiency, and lumen distribution characteristics.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith
Associate Project Manager
Appliance Directories
New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253
Phone: (518) 465-6251, ext. 313
Fax: (518) 449-4989

HIGH-INTENSITY DISCHARGE LAMPS

- Description* The Defense Logistics Agency maintains a database that provides performance-specific information on high-intensity discharge lamps ranging from 18 to 1,500 watts. Only energy-efficient products are included.
- The database includes the following fields: lamp type; base; descriptor; burn position; national stock number; watts; initial lumens; mean lumens; lifespan; model numbers for General Electric, Osram/Sylvania, and Philips; and ANSI numbers.
- Information for the product listings comes from manufacturer-supplied independent test reports, data, or literature.
- Data use is unlimited.
- Access* This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.
- Cost* No cost is indicated.
- For more information, please contact:*
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291
-

- Description* The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on high-intensity discharge lamps. Only energy-efficient products are included.
- The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is limited by request that copies be made only with prior approval.
- Information is updated annually.
- Access* This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:

Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on high-intensity discharge lamps. Only energy-efficient products are included.

The database includes the following fields: manufacturer, model, watts, lumens, color rendition index, color temperature, lumens per watt, lifespan, and lamp type.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith
Associate Project Manager
Appliance Directories
New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901
Albany, NY 12223-1253
Phone: (518) 465-6251, ext. 313
Fax: (518) 449-4989

INCANDESCENT LAMPS

Description The Defense Logistics Agency maintains a database that provides performance-specific information on incandescent lamps ranging from 34 to 900 watts. Only energy-efficient products are included.

The database includes the following fields: lamp type, base, descriptor, watts, voltage, lumens, lifespan, and model numbers for General Electric, Osram/Sylvania, and Philips.

Information for the product listings comes from manufacturer-supplied independent test reports, data, or literature.

Data use is unlimited.

Access This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.

Cost No cost is indicated.

For more information, please contact:
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291

Description The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on incandescent lamps. Only energy-efficient products are included.

The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper or by modem. For the modem, access is provided by through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:
Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

Description The Lighting Research Center maintains a database to produce a Specifier Report that provides model-, performance-, and manufacturer-specific information on reflector lamps, including incandescent reflector lamps, halogen infrared PAR lamps, and screwbase compact fluorescent lamps with reflectors.

The report includes discussions of lamp technologies; discussions of performance characteristics, including active power, light output, beam appearance, color and lamp life; discussions of alternative technologies; manufacturer-supplied performance data; and performance evaluations. The reported evaluation information includes manufacturer, catalog number, rated active power, normalized center beam candlepower and luminance, relative beam diameter, normalized average luminance, and beam appearance.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by copyright.

Information is updated as needed.

Access This information is available on paper and through internet at <http://www.rpi.edu/dept/lrc/LRC.html>.

Cost Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

LARGE FLUORESCENT FIXTURES

Description The Defense Logistics Agency maintains a database that provides performance-specific information on large fluorescent fixtures. Only energy-efficient products are included.

The database includes the following fields: fixture and lamp type, national stock number, volts, and model numbers for Daybright, Hubel, Lightolier, Lithonia, and Metlux.

Information for the product listings comes from manufacturer-supplied independent test reports, data, or literature.

Data use is unlimited.

Access This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.

Cost No cost is indicated.

For more information, please contact:
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291

- Description* The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on large fluorescent fixtures. Only energy-efficient products are included.
- The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is limited by request that copies be made only with prior approval.
- Information is updated annually.
- Access* This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.
- Cost* \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:
Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

- Description* The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on large fluorescent fixtures. Only energy-efficient products are included.
- The database includes the following fields: manufacturer, model, lamp shape, number of cells, louver dimensions, number of lamps, width, length, total luminaire efficiency, and lumen distribution characteristics.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is limited by request that copies be made only with prior approval.
- Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

LARGE FLUORESCENT LAMPS

Description The Defense Logistics Agency maintains a database that provides performance-specific information on large fluorescent lamps ranging from 15 to 205 watts. Only energy-efficient products are included.

The database includes the following fields: lamp type, base, descriptor, national stock number, watts, start-up, lumens, lifespan, length, and model numbers for General Electric, Osram/Sylvania, and Philips.

Information for the product listings comes from manufacturer-supplied independent test reports, data, or literature.

Data use is unlimited.

Access This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.

Cost No cost is indicated.

For more information, please contact:

Defense General Supply Center

ATTN: DGSC-XA Marketing Office

8000 Jefferson Davis Highway

Richmond, VA 23297-5762

Phone: 1-800-DLA-BULB

Fax: 1-800-352-3291

Description The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on large fluorescent lamps. Only energy-efficient products are included.

The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products. Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.

Cost \$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:

Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on large fluorescent lamps. Only energy-efficient products are included.

The database includes the following fields: manufacturer, model, watts, lumens, color rendition index, color temperature, lumens per watt, lifespan, and lamp type.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith
Associate Project Manager
Appliance Directories
New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901
Albany, NY 12223-1253
Phone: (518) 465-6251, ext. 313
Fax: (518) 449-4989

LIGHTING CONTROLS

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on lighting controls devices.

The database includes the following fields: manufacturer, brand, model, type, radiation, design characteristics such as dimming and programming capabilities, including instructions for use, and status/alarm indicators for malfunction or failure.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The Defense Logistics Agency maintains a database that provides performance-specific information on occupancy sensors. Only energy-efficient products are included.

The database includes the following fields: type, description, cage, and national stock number.

Information for the product listings comes from manufacturer-supplied independent test reports, data, or literature.

Data use is unlimited.

Access This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at <http://www.dgse.dla.mil> by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.

Cost No cost is indicated.

For more information, please contact:
Defense General Supply Center
ATTN: DGSC-XA Marketing Office
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
Phone: 1-800-DLA-BULB
Fax: 1-800-352-3291

- Description* The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on lighting controls. Only energy-efficient products are included.
- The database includes the following fields: manufacturer, address, phone and fax numbers, company type, and list of products.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is limited by request that copies be made only with prior approval.
- Information is updated annually.
- Access* This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.
- Cost* \$5 for a paper copy of Lighting and Energy Controls. No fee for bulletin-board system access other than the cost of long-distance phone service.

For more information, please contact:
Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

- Description* The Lighting Research Center maintains a database to produce a Specifier Report that provides model-, performance-, and manufacturer-specific information on occupancy sensors.
- The report covers background information; performance characteristics, including sensitivity, field of view, coverage area, coverage pattern, time delay, and maintenance; economic considerations; manufacturer-supplied data; and performance evaluation data. The reported evaluation information includes manufacturer, trade name, catalog number, maximum coverage, and sensitivity measurements for initial and maintained detection tests.
- Information for the product listings comes from random laboratory testing of manufacturer-supplied data.
- Data use is limited by copyright.

Information is updated as needed.

Access This information is available on paper and through internet at <http://www.rpi.edu/dept/lrc/LRC.html>.

Cost Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

Description The Lighting Research Center maintains a database to produce a Specifier Report that provides model-, performance-, and manufacturer-specific information on power reducers.

The report covers background information, performance characteristics, and manufacturer-supplied and performance evaluation data. The discussion on performance characteristics includes illuminance and light distribution, energy and efficiency, power quality, human response, effects on lamps and ballasts, lifespan, and reliability. The reported evaluation information includes manufacturer, trade name, catalog number, percent power and light reduction, power factor, total harmonic distortion, lamp current crest factor, and ballast temperature.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by copyright.

Information is updated as needed.

Access This information is available on paper and through internet at <http://www.rpi.edu/dept/lrc/LRC.html>.

Cost Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

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Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

SPECULAR REFLECTORS

<i>Description</i>	<p>The Defense Logistics Agency maintains a database that provides performance-specific information on specular reflector kits used for delamping existing fixtures. Only energy-efficient products are included.</p> <p>The database includes the following fields: fixture size, number of lamps, lamp length, and national stock number.</p> <p>Information for the product listings comes from manufacturer-supplied data or literature.</p> <p>Data use is unlimited.</p>
<i>Access</i>	<p>This information is available on paper or diskette to all federal and military agencies. This information is available to the general public through the internet at http://www.dgse.dla.mil by accessing DGSC's home page and using custom menus. Files can be downloaded in ASCII or DBF format.</p>
<i>Cost</i>	<p>No cost is indicated.</p> <p><i>For more information, please contact:</i> Defense General Supply Center ATTN: DGSC-XA Marketing Office 8000 Jefferson Davis Highway Richmond, VA 23297-5762 Phone: 1-800-DLA-BULB Fax: 1-800-352-3291</p>
<i>Description</i>	<hr/> <p>The Florida Solar Energy Center maintains a database that provides manufacturer-specific information on specular reflectors. Only energy-efficient products are included.</p> <p>The database includes the following fields: manufacturer, address, phone and fax number, company type, and list of products.</p> <p>Information for the product listings comes from manufacturer-supplied data or literature.</p> <p>Data use is limited by request that copies be made only with prior approval.</p> <p>Information is updated annually.</p>
<i>Access</i>	<p>This information is available on paper or by modem. For the modem, access is provided through a bulletin-board system using custom menus. Files can be downloaded in ZIP or WordPerfect format.</p>
<i>Cost</i>	<p>\$5 for a paper copy of Lighting Products. No fee for bulletin-board system access other than the cost of long-distance phone service.</p>

For more information, please contact:

Kashif Hannani
Research Scientist
Building Design Assistance Center
Florida Solar Energy Center
1679 Clearlake Road
Cocoa, FL 32922
Phone: (407) 638-1000
Fax: (407) 638-1010

Description

The Lighting Research Center maintains a database to produce a Specifier Report that provides model-, performance-, and manufacturer-specific information on specular reflectors.

The report covers background information on reflectors and manufacturer performance evaluation data. The reported evaluation information includes manufacturer; designation; specular, diffuse, and total reflectance; average initial horizontal and vertical illuminances for two specified layouts; efficiency; spacing criteria; and visual comfort probability.

Information for the product listings comes from random laboratory testing of manufacturer-supplied data.

Data use is limited by copyright.

Information is updated as needed.

Access

This information is available on paper and through internet at
<http://www.rpi.edu/dept/lrc/LRC.html>.

Cost

Single copies of Specifier Reports are \$30. Contact the Lighting Research Center for costs for 10 or more copies.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

OFFICE EQUIPMENT

AFTER-MARKET SWITCHES

Description The U.S. Environmental Protection Agency maintains a database that provides model-, performance-, and manufacturer-specific information on after-market switches. Only models meeting Energy Star criteria are included.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is unlimited.

Information is updated monthly.

Access This information is available on paper, diskette or through internet at <http://www.epa.gov/docs/GCDOAR/EnergyStar.html>. Access is provided using database or WAIS query language. Information is downloaded in ASCII format.

Specific questions on procurement language should be directed to Jennifer Dolin at (202) 233-9073.

Cost None

For more information, please contact:

Andrew Fanara

Manager

U.S. Environmental Protection Agency

6202J

Washington, DC 20460

Phone: (202) 233-9114

Fax: (202) 233-9659 (voice-request, fax-back line)

COPIERS

Description The U.S. Environmental Protection Agency maintains a database that provides model-, performance-, and manufacturer-specific information on copiers. Only models meeting Energy Star criteria are included.

The database includes the following fields: brand, model, speed, duplex speed, watts, low-power mode, and duplex default.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is unlimited.

Information is updated monthly.

Access This information is available on paper, diskette, or through internet at <http://www.epa.gov/docs/GCDOAR/EnergyStar.html>. Access is provided using database or WAIS query language. Information is downloaded in ASCII format.

Specific questions on procurement language should be directed to Jennifer Dolin at (202) 233-9073.

Cost None

For more information, please contact:

Cyane Dandridge

Program Manager

U.S. Environmental Protection Agency

6202J

Washington, DC 20460

Phone: (202) 233-9114

Fax: (202) 233-9659 (voice-request, fax-back line)

MONITORS

Description The U.S. Environmental Protection Agency maintains a database that provides model-, performance-, and manufacturer-specific information on computer monitors ranging from 10 to 27 inches. Only models meeting Energy Star criteria are included.

The database includes the following fields: manufacturer, brand, model, size, resolution, watts, and GSA number.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is unlimited.

Information is updated monthly.

Access This information is available on paper, diskette, or through internet at <http://www.epa.gov/docs/GCDOAR/EnergyStar.html>. Access is provided using database or WAIS query language. Information is downloaded in ASCII format.

Specific questions on procurement language should be directed to Jennifer Dolin at (202) 233-9073.

Cost None

For more information, please contact:

Andrew Fanara

Manager

U.S. Environmental Protection Agency

6202J

Washington, DC 20460

Phone: (202) 233-9114

Fax: (202) 233-9659 (voice-request, fax-back line)

PERSONAL COMPUTERS

- Description* The U.S. Environmental Protection Agency maintains a database that provides model-, performance-, and manufacturer-specific information on personal computers. Only models meeting Energy Star criteria are included.
- The database includes the following fields: type, brand, model, chip, megahertz, RAM, hard drive, cache, watts in sleep, and GSA number.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is unlimited.
- Information is updated monthly.
- Access* This information is available on paper, diskette or through internet at <http://www.epa.gov/docs/GCDOAR/EnergyStar.html>. Access is provided using database or WAIS query language. Information is downloaded in ASCII format.
- Specific questions on procurement language should be directed to Jennifer Dolin at (202) 233-9073.
- Cost* None
- For more information, please contact:*
Andrew Fanara
Manager
U.S. Environmental Protection Agency
6202J
Washington, DC 20460
Phone: (202) 233-9114
Fax: (202) 233-9659 (voice-request, fax-back line)
-

PRINTERS

- Description* The U.S. Environmental Protection Agency maintains a database that provides model-, performance-, and manufacturer-specific information on printers. Only models meeting Energy Star criteria are included.
- The database includes the following fields: manufacturer, model, type, printing speed, RAM memory, resolution, watts-in-sleep mode, and PostScript capabilities.
- Information for the product listings comes from manufacturer-supplied data or literature.
- Data use is unlimited.
- Information is updated monthly.
- Access* This information is available on paper, diskette, or through internet at <http://www.epa.gov/docs/GCDOAR/EnergyStar.html>. Access is provided using database or WAIS query language. Information is downloaded in ASCII format.

Specific questions on procurement language should be directed to Jennifer Dolin at (202) 233-9073

Cost None

For more information, please contact:

Andrew Fanara

Manager

U.S. Environmental Protection Agency
6202J

Washington, DC 20460

Phone: (202) 233-9114

Fax: (202) 233-9659 (voice-request, fax-back line)

RETROFIT DEVICES

Description The U.S. Environmental Protection Agency maintains a database that provides model-, performance-, and manufacturer-specific information on retrofit devices. Only models meeting Energy Star criteria are included.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is unlimited.

Information is updated monthly.

Access This information is available on paper, diskette, or through internet at <http://www.epa.gov/docs/GCDOAR/EnergyStar.html>. Access is provided using database or WAIS query language. Information is downloaded in ASCII format.

Specific questions on procurement language should be directed to Jennifer Dolin at (202) 233-9073.

Cost None

For more information, please contact:

Andrew Fanara

Manager

U.S. Environmental Protection Agency
6202J

Washington, DC 20460

Phone: (202) 233-9114

Fax: (202) 233-9659 (voice-request, fax-back line)

WORK STATIONS

Description The U.S. Environmental Protection Agency maintains a database that provides model-, performance-, and manufacturer-specific information on work stations. Only models meeting Energy Star criteria are included.

Information for the product listings comes from manufacturer-supplied data or literature.

Data use is unlimited.

Information is updated monthly.

Access

This information is available on paper, diskette, or through internet at <http://www.epa.gov/docs/GCDOAR/EnergyStar.html>. Access is provided using database or WAIS query language. Information is downloaded in ASCII format.

Specific questions on procurement language should be directed to Jennifer Dolin at (202) 233-9073.

Cost

None

For more information, please contact:

Andrew Fanara

Manager

U.S. Environmental Protection Agency

6202J

Washington, DC 20460

Phone: (202) 233-9114

Fax: (202) 233-9659 (voice-request, fax-back line)

RESIDENTIAL APPLIANCES

CLOTHES DRYERS

- Description* The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on clothes dryers.
- The database includes the following fields: manufacturer, brand, model, type, energy factor, and DOE covered product.
- Information for the product listings comes from manufacturer-supplied data and the FTC.
- Data use is unlimited.
- Information is updated every 1 to 2 weeks.
- Access* This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.
- Cost* No fee other than the cost of long-distance phone service.
- For more information, please contact:*
Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304
-

CLOTHES WASHERS

- Description* The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on clothes washers.
- The database includes the following fields: manufacturer, brand, model, type, energy factor, DOE-covered product, water factor, and remaining moisture content.
- Information for the product listings comes from manufacturer-supplied data and the FTC.
- Data use is unlimited.
- Information is updated every 1 to 2 weeks.
- Access* This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.
- Cost* No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

DISHWASHERS

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on dishwashers.

The database includes the following fields: manufacturer, brand, model, type, energy factor, and DOE-covered product.

Information for the product listings comes from manufacturer-supplied data and the FTC.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

FREEZERS

Description The Association of Home Appliance Manufacturers maintains a database that provides model- and performance-specific information on freezers ranging from 2 to 30 cubic feet.

The Association will provide a list of the fields contained in its database and descriptions upon purchase. Cost and contact information is listed below.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

Data use is limited by copyright.

Information is updated every 6 months.

Access This information is available on diskette. Files are provided in ASCII and Statistical Analysis software formats.

Cost \$3000 initially, plus an annual update fee of \$250.

For more information, please contact:

Kimberly Bennett
Association of Home Appliance Manufacturers
20 N. Wacker Drive
Chicago, IL 60606
Phone: (312) 984-5800

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on freezers ranging from 3 to 24.9 cubic feet.

The database includes the following fields: manufacturer, brand, model, style, defrost type, freezer volume, height, width, depth, annual energy consumption, anti-sweat heater switch, DOE-covered product, CFC-free, and maximum allowable annual energy consumption by 1993 standard.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on freezers ranging from 4.6 to 24.9 cubic feet.

The database includes the following fields: manufacturer, model, freezer volume, total adjusted volume, annual energy use, and percent savings compared to the 1993 standard.

Information for the product listings comes from manufacturer-supplied data or literature. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

REFRIGERATOR/FREEZERS

Description The Association of Home Appliance Manufacturers maintains a database that provides model- and performance-specific information on refrigerator/freezers ranging from 2 to 30 cubic feet.

The Association will provide a list of the fields contained in its database and descriptions upon purchase. Cost and contact information is listed below.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

Data use is limited by copyright.

Information is updated every 6 months.

Access This information is available on diskette. Files are provided in ASCII and Statistical Analysis software formats.

Cost \$3000 initially, plus an annual update fee of \$250.

For more information, please contact:

Kimberly Bennett

Association of Home Appliance Manufacturers

20 N. Wacker Drive

Chicago, IL 60606

Phone: (312) 984-5800

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on refrigerators and refrigerator/freezers ranging from 2.9 to 30.2 cubic feet.

The database includes the following fields: manufacturer, brand, model, style, defrost type, fresh food volume, freezer volume, total volume, height, width, depth, annual energy consumption, anti-sweat heater switch, DOE-covered product, CFC-free, and maximum allowable annual energy consumption by 1993 standard.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on refrigerator/freezers ranging from 8.6 to 30.24 cubic feet.

The database includes the following fields: manufacturer, model, total volume, total adjusted volume, annual energy use, and percent savings as compared to the 1993 standard.

Information for the product listings comes from manufacturer-supplied data or literature. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith
Associate Project Manager
Appliance Directories
New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901
Albany, NY 12223-1253
Phone: (518) 465-6251, ext. 313
Fax: (518) 449-4989

WATER HEATERS

- Description* The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on water heaters ranging from 0.1 to 5,000 gallons.
- The database includes the following fields: manufacturer, brand, model, fuel type, volume, first-hour rating, height, maximum horizontal dimension, mobile home, instantaneous, rated input, recovery or thermal efficiency, standby loss, auxiliary electrical power, total surface area (electric units only), inlet and outlet heat trap, water heater insulation, annual energy consumption, annual energy consumption standard, energy factor, and DOE-covered product.
- Information for the product listings comes from manufacturer-supplied data.
- Data use is unlimited.
- Information is updated every 1 to 2 weeks.
- Access* This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.
- Cost* No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

- Description* The Gas Appliance Manufacturers Association (GAMA) maintains a database that provides model-, performance-, and manufacturer-specific information on water heaters ranging up to 300,000 gallons. The certification program includes residential units only.
- The database includes the following fields: manufacturer, trade name, fuel type, model, input, first-hour rating, energy factor, rated storage volume (for storage-type units), and recovery efficiency (for gas- and oil-fired units).

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

The GAMA directory also includes guidelines for estimating peak demand and comparing operational costs of models with different energy factors.

Data use is limited by copyright.

Information is updated every 6 months.

Access This information is available on paper or diskette. Files are provided in ASCII format.

Cost Copies of the database include information on residential heating and water-heating equipment. An annual subscription of two issues on paper is \$10. Single copies can be ordered for \$5 each. Paper copies should be ordered from Environmental Testing Laboratories, Inc. (ETL). Contact information is listed below.

An annual subscription on diskette is \$480 (plus \$96 handling fee for 12 diskettes), or \$50 (plus \$8 handling fee per diskette) for single diskettes. Diskettes should be ordered directly from GAMA, 1901 North Moore Street, Suite 1100, Arlington, VA 22209.

For more information, please contact:

Sandra Mullen

GAMA Efficiency Certification Program

ETL Testing Laboratories, Inc.

3933 U.S. Route 11

Cortland, NY 13045

Phone: (607) 753-6711

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on water heaters ranging from 19 to 120 gallons.

The database includes the following fields: manufacturer, model, fuel type, volume, first-hour rating, energy factor, and percent savings compared to the 1992 NAECA standard.

Information for the product listings comes from trade association-certified data. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

WATER HEATERS, HEAT PUMP

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on heat pump water heaters ranging from 0.5 to 111.2 gallons.

The database includes the following fields: manufacturer, brand, model, fuel type, volume, first-hour rating, height, maximum horizontal dimension, mobile home, instantaneous, rated input, recovery or thermal efficiency, standby loss, auxiliary electrical power, total surface area (electric units only), inlet and outlet heat trap, water heater insulation, annual energy consumption, annual energy consumption standard, energy factor, and DOE-covered product.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by

user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman

Program Manager

Appliance Certification Program

California Energy Commission

1516 Ninth St., MS-42

Sacramento, CA 95814-5512

Phone: (916) 654-4080

Fax: (916) 654-4304

Description The Gas Appliance Manufacturers Association (GAMA) maintains a database that provides model-, performance-, and manufacturer-specific information on heat pump water heaters ranging up to 24 amps, 250 volts. The certification program includes residential units only.

The database includes the following fields: manufacturer, trade name, model, first-hour rating, energy factor, and rated storage volume (for storage-type units).

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

The GAMA directory also includes guidelines for estimating peak demand and comparing operational costs of models with different energy factors.

Data use is limited by copyright.

Information is updated every six months.

Access This information is available on paper or diskette. Files are provided in ASCII format.

Cost Copies of the database include information on residential heating and water-heating equipment. An annual subscription of two issues on paper is \$10. Single copies can be ordered for \$5 each. Paper copies should be ordered from Environmental Testing Laboratories (ETL). Contact information is listed below.

An annual subscription on diskette is \$480 (plus \$96 handling fee for 12 diskettes), or \$50 (plus \$8 handling fee per diskette) for single diskettes. Diskettes should be ordered directly from GAMA, 1901 North Moore Street, Suite 1100, Arlington, VA 22209.

For more information, please contact:

Sandra Mullen

GAMA Efficiency Certification Program

ETL Testing Laboratories, Inc.

3933 U.S. Route 11

Cortland, NY 13045

Phone: (607) 753-6711

SPACE CONDITIONING EQUIPMENT

ABSORPTION CHILLERS

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on absorption chillers ranging from 3 to 1,500 tons.

The database includes the following fields: manufacturer, compressor and evaporator type, fuel type, refrigerant, cooling capacity, cooling coefficient of performance, energy-efficiency ratio, high heating value heat-recovery capacity, and heating efficiency.

Information for the product listings comes from manufacturer-supplied data or literature. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

BOILERS, GAS-FIRED

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on gas-fired boilers ranging from 30,000 to 85,000,000 Btu-per-hour input.

The database includes the following fields: manufacturer, brand, model, unit type, fuel, intermittent ignition device, vent damper, power burner, design code, input at maximum capacity rating, thermal efficiency at maximum capacity rating, standby loss, annual fuel utilization efficiency, input at minimum capacity rating, thermal efficiency at minimum capacity rating, and DOE-covered product.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The Gas Appliance Manufacturers Association (GAMA) maintains a database that provides model-, performance-, and manufacturer-specific information on gas-fired boilers ranging up to 300,000 Btu-per-hour input. The certification program includes residential units only.

The database includes the following fields: manufacturer, trade name, fuel type, configuration and installation location, model, input, heating capacity, electrical energy input rate, average annual auxiliary electrical energy consumption, average annual fuel energy consumption, and annual fuel utilization efficiency.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

The GAMA directory also includes guidelines for estimating the annual heating requirements and comparing operational costs of different models.

Data use is limited by copyright.

Information is updated every six months.

Access This information is available on paper or diskette. Files are provided in ASCII format.

Cost Copies of the database include information on residential heating and water-heating equipment. An annual subscription of two issues on paper is \$10. Single copies can be ordered for \$5 each. Paper copies should be ordered from Environmental Testing Laboratories (ETL). Contact information is listed below.

An annual subscription on diskette is \$480 (plus \$96 handling fee for 12 diskettes), or \$50 (plus \$8 handling fee per diskette) for single diskettes. Diskettes should be ordered directly from GAMA, 1901 North Moore Street, Suite 1100, Arlington, VA 22209.

For more information, please contact:

Sandra Mullen
GAMA Efficiency Certification Program
ETL Testing Laboratories, Inc.
3933 U.S. Route 11
Cortland, NY 13045
Phone: (607) 753-6711

Description The Hydronics Institute maintains a database that provides model-specific information on gas-fired boilers ranging from 37,500 to 16,627,000 Btu-per-hour input. Both hot water and steam models are included.

The database includes the following fields: manufacturer, model number, input, capacity, annual fuel utilization efficiency, net I=B=R rating, fuel type, damper, ignition type, burner, and draft.

Information for the product listings comes from random in-house testing of manufacturer-supplied data.

Only products submitted by the manufacturers to the Hydronics Institute for rating are included.

Data use is limited by copyright.

Information is updated annually.

Access This information is available on paper.

Cost The Hydronics Institute Directory contains both gas- and oil-fired listings for boilers and furnaces in a single book. The cost is \$14.50, plus \$4.50 shipping.

For more information, please contact:

Channing Starke
Technical Director
Hydronics Institute
P.O. Box 218
35 Russo Place
Berkeley, NJ 07922
Phone: (908) 464-8200
Fax: (908) 464-7818

BOILERS, OIL-FIRED

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on oil-fired boilers ranging from 63,000 to 21,000,000 gallons per hour input.

The database includes the following fields: manufacturer, brand, model, unit type, fuel, intermittent ignition device, vent damper, power burner, design code, input at maximum capacity rating, thermal efficiency at maximum capacity rating, standby loss, annual fuel utilization efficiency, input at minimum capacity rating, thermal efficiency at minimum capacity rating, and DOE-covered product.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The Gas Appliance Manufacturers Association (GAMA) maintains a database that provides model-, performance-, and manufacturer-specific information on oil-fired boilers ranging up to 300,000 gallons per hour input. The certification program includes residential units only.

The database includes the following fields: manufacturer, trade name, fuel type, configuration and installation location, model, input, heating capacity, electrical energy input rate, average annual auxiliary electrical energy consumption, average annual fuel energy consumption, and annual fuel utilization efficiency.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

The GAMA directory also includes guidelines for estimating the annual heating requirements and comparing operational costs of different models.

Data use is limited by copyright.

Information is updated every 6 months.

Access This information is available on paper or diskette. Files are provided in ASCII format.

Cost Copies of the database include information on residential heating and water-heating equipment. An annual subscription of two issues on paper is \$10. Single copies can be ordered for \$5 each. Paper copies should be ordered from Environmental Testing Laboratories (ETL). Contact information is listed below.

An annual subscription on diskette is \$480 (plus \$96 handling fee for 12 diskettes), or \$50 (plus \$8 handling fee per diskette) for single diskettes. Diskettes should be ordered directly from GAMA, 1901 North Moore Street, Suite 1100, Arlington, VA 22209.

For more information, please contact:

Sandra Mullen
GAMA Efficiency Certification Program
ETL Testing Laboratories, Inc.
3933 U.S. Route 11
Cortland, NY 13045
Phone: (607) 753-6711

Description The Hydronics Institute maintains a database that provides model-specific information on oil-fired boilers ranging from 0.45 to 114 gallons per hour input. Both hot water and steam models are included.

The database includes the following fields: manufacturer, model number, input, capacity, annual fuel utilization efficiency, net I=B=R rating, fuel type, burner, draft, and chimney height.

Information for the product listings comes from random in-house testing of manufacturer-supplied data.

Only products submitted by the manufacturers to the Hydronics Institute for rating are included.

Data use is limited by copyright.

Information is updated annually.

Access This information is available on paper.

Cost The Hydronics Institute Directory contains both gas- and oil-fired listings for boilers and furnaces in a single book. The cost is \$14.50, plus \$4.50 shipping.

For more information, please contact:

Channing Starke
Technical Director
Hydronics Institute
P.O. Box 218
35 Russo Place
Berkeley, NJ 07922
Phone: (908) 464-8200
Fax: (908) 464-7818

BOILERS, STEAM

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on steam boilers ranging from 50,700 to 48,576,000 Btu-per-hour input.

The database includes the following fields: manufacturer, brand, model, unit type, fuel, intermittent ignition device, vent damper, power burner, design code, input at maximum capacity rating, thermal efficiency at maximum capacity rating, standby loss, annual fuel utilization efficiency, input at minimum capacity rating, thermal efficiency at minimum capacity rating, and DOE-covered product.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

CENTRAL AIR CONDITIONERS, AIR-SOURCE

Description The Air-Conditioning and Refrigeration Institute (ARI) maintains a database that provides model-, performance-, and manufacturer-specific information on air-source central air conditioners and heat pumps ranging up to 240,000 Btu-per-hour capacity. The database includes the following fields: manufacturer, trade name, model, type, cooling cost, capacity, seasonal energy-efficiency ratio or energy-efficiency ratio, heating seasonal performance factor, and sound rating.

Information for the product listings is verified by random laboratory testing of trade association-certified data.

ARI's directory also includes a guide for estimating annual operating costs of a unit.

Data use is limited by copyright.

Access This information is available in a paperback directory (published every 6 months) or on diskettes (issued monthly). Files are provided in ASCII format. The directory information is also available on-line via internet at <http://www.ari.org>.

Cost Copies of the database include information on unitary air conditioners and unitary air-source heat pumps. Costs are \$10 for a paper copy, \$480 (plus \$96 handling fee for 12 diskettes) for an annual subscription, or \$50 (plus \$8 handling fee per diskette) for individual monthly diskettes.

For more information, please contact:

ARI Publications Dept.
Air-Conditioning and Refrigeration Institute
4301 North Fairfax Drive
Suite 425
Arlington, VA 22203
Phone: (703) 524-8800

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on air-source central air conditioners ranging from 6,600 to 134,800 Btu-per-hour capacity.

The database includes the following fields: Air Conditioning and Refrigeration Institute equipment-type descriptor, manufacturer, brand, compressor model, coil model (split systems only), voltage, phase, cooling capacity, electrical input, energy-efficiency ratio or seasonal energy-efficiency ratio, cooling capacity at test conditions, electrical input at test conditions, test coefficient of degradation, heating seasonal performance factor, high- and low-temperature heating data (heating capacity, electrical input, and coefficient of performance), DOE-covered

product, integrated part-load value, and extreme temperature efficiency criteria (cooling capacity, cooling electrical input, energy-efficiency ratio, heating capacity, heating electrical input, and coefficient of performance).

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman

Program Manager

Appliance Certification Program

California Energy Commission

1516 Ninth St., MS-42

Sacramento, CA 95814-5512

Phone: (916) 654-4080

Fax: (916) 654-4304

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on air-source central air conditioners up to 240,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, condenser model, coil model, capacity, and energy-efficiency rating or seasonal energy-efficiency rating.

Information for the product listings comes from trade association-certified data. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith
Associate Project Manager
Appliance Directories
New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901
Albany, NY 12223-1253
Phone: (518) 465-6251, ext. 313
Fax: (518) 449-4989

CENTRAL AIR CONDITIONERS, WATER-SOURCE

- Description** The Air-Conditioning and Refrigeration Institute (ARI) maintains a database that provides model-, performance-, and manufacturer-specific information on water-source central air conditioning ranging up to 135,000 Btu per hour. Only those models meeting the National Appliance Energy Conservation Act and the Energy Policy Act of 1992 are listed as current models.
- The database includes the following fields: manufacturer, trade name, model, type, cooling cost, capacity, seasonal energy-efficiency ratio or energy-efficiency ratio, and sound rating.
- Information for the product listings is verified by random laboratory testing of trade association-certified data.
- ARI's directory also includes a guide for estimating annual operating costs of a unit.
- Data use is limited by copyright.
- Access** This information is available in a paperback directory (published every 6 months) or on diskettes (issued monthly). Files are provided in ASCII format. The directory information is also available on-line via internet at <http://www.ari.org>.
- Cost** Copies of the database include information on unitary air conditioners and unitary air-source heat pumps. Costs are \$10 for a paper copy, \$480 (plus \$96 handling fee for 12 diskettes) for an annual subscription, or \$50 (plus \$8 handling fee per diskette) for individual monthly diskettes.
- For more information, please contact:*
ARI Publications Dept.
Air-Conditioning and Refrigeration Institute
4301 North Fairfax Drive
Suite 425
Arlington, VA 22203
Phone: (703) 524-8800

-
- Description** The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on water-source central air conditioners ranging from 6,600 to 134,800 Btu-per-hour.
- The database includes the following fields: Air-Conditioning and Refrigeration Institute equipment-type descriptor, manufacturer, brand, compressor model, coil model (split systems only), voltage, phase, cooling capacity, electrical input, energy-efficiency ratio or seasonal energy-efficiency ratio, cooling capacity at test conditions, electrical input at test conditions,

test coefficient of degradation, heating seasonal performance factor, high- and low-temperature heating data (heating capacity, electrical input, and coefficient of performance), DOE-covered product, integrated part-load value, and extreme temperature efficiency criteria (cooling capacity, cooling electrical input, energy-efficiency ratio, heating capacity, heating electrical input, and coefficient of performance).

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on water-source central air conditioners up to 130,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, condenser model, coil model, capacity, and energy-efficiency rating or seasonal energy-efficiency rating.

Information for the product listings comes from trade association-certified data. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

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Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

ELECTRIC CHILLERS

Description The Air-Conditioning and Refrigeration Institute (ARI) maintains a database that provides model-, performance- and manufacturer-specific information on electric chillers ranging from 12.6 to 1600 tons.

The database includes the following fields: manufacturer, model, type, refrigerant, compressor, capacity, kilowatt per ton, energy-efficiency ratio, coefficient of performance, water-pressure drop, and integrated part-load values.

Information for the product listings is verified by random laboratory testing of trade association-certified data.

Data use is limited by copyright.

Access This information is available in a paperback directory published every 6 months.

Cost The cost for one copy of the directory is \$6.00.

For more information, please contact:

ARI Publications Dept.

Air-Conditioning and Refrigeration Institute

4301 North Fairfax Drive, Suite 425

Arlington, VA 22203

Phone: (703) 524-8800

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on electric chillers ranging from 1.7 to 2,100 tons.

The database includes the following fields: manufacturer, model, compressor, condenser, refrigerant, capacity, kilowatt per ton and energy-efficiency ratio for high loads, and kilowatt per ton and energy-efficiency ratio for integrated part-load values.

Information for the product listings comes from manufacturer-supplied data or literature. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

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New York State Energy Research and Development Authority

2 Empire State Plaza, Suite 1901

Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

FURNACES, GAS-FIRED

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on gas-fired furnaces ranging from 26,000 to 9,999,999 Btu-per-hour input.

The database includes the following fields: manufacturer, brand, model, unit type, fuel, combustion, electrical phase, mobile home unit, air flow, high indoor blower capacity, low indoor blower capacity, cooling capacity, rated input, rated output, steady-state efficiency, standby consumption, annual fuel energy consumption, annual fuel utilization efficiency, annual auxiliary electrical energy, seasonal efficiency, DOE-covered product, and partial-load steady-state efficiency.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman

Program Manager

Appliance Certification Program

California Energy Commission

1516 Ninth St., MS-42

Sacramento, CA 95814-5512

Phone: (916) 654-4080

Fax: (916) 654-4304

Description The Gas Appliance Manufacturers Association (GAMA) maintains a database that provides model-, performance-, and manufacturer-specific information on gas-fired furnaces ranging up to 225,000 Btu-per-hour input. The certification program includes residential units only.

The database includes the following fields: manufacturer, trade name, fuel type, configuration and installation location, model, input, heating capacity, electrical energy-input rate, average

annual auxiliary electrical energy consumption, average annual fuel-energy consumption, and annual fuel utilization efficiency.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

The GAMA directory also includes guidelines for estimating the annual heating requirements and comparing operational costs of different models.

Data use is limited by copyright.

Information is updated every 6 months.

Access This information is available on paper or diskette. Files are provided in ASCII format.

Cost Copies of the database include information on residential heating and water-heating equipment. An annual subscription of two issues on paper is \$10. Single copies can be ordered for \$5 each. Paper copies should be ordered from Environmental Testing Laboratories (ETL). Contact information is listed below.

An annual subscription on diskette is \$480 (plus \$96 handling fee for 12 diskettes), or \$50 (plus \$8 handling fee per diskette) for single diskettes. Diskettes should be ordered directly from GAMA, 1901 North Moore Street, Suite 1100, Arlington, VA 22209.

For more information, please contact:

Sandra Mullen

GAMA Efficiency Certification Program

ETL Testing Laboratories, Inc.

3933 U. S. Route 11

Cortland, NY 13045

Phone: (607) 753-6711

FURNACES, OIL-FIRED

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on oil-fired furnaces ranging from 65,000 to 211,000 Btu-per-hour input.

The database includes the following fields: manufacturer, brand, model, unit type, fuel, combustion, electrical phase, mobile home unit, air flow, high indoor-blower capacity, low indoor-blower capacity, cooling capacity, rated input, rated output, steady-state efficiency, standby consumption, annual fuel-energy consumption, annual fuel utilization efficiency, annual auxiliary electrical energy, seasonal efficiency, DOE-covered product, and partial-load steady-state efficiency.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The Gas Appliance Manufacturers Association (GAMA) maintains a database that provides model-, performance-, and manufacturer-specific information on oil-fired furnaces ranging up to 225,000 gallons per hour input. The certification program includes residential units only.

The database includes the following fields: manufacturer, trade name, fuel type, configuration and installation location, model, input, heating capacity, electrical energy-input rate, average annual auxiliary electrical-energy consumption, average annual fuel-energy consumption, and annual fuel utilization efficiency.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

The GAMA directory also includes guidelines for estimating the annual heating requirements and comparing operational costs of different models.

Data use is limited by copyright.

Information is updated every six months.

Access This information is available on paper or diskette. Files are provided in ASCII format.

Cost Copies of the database include information on residential heating and water-heating equipment. An annual subscription of two issues on paper is \$10. Single copies can be ordered for \$5 each. Paper copies should be ordered from Environmental Testing Laboratories (ETL). Contact information is listed below.

An annual subscription on diskette is \$480 (plus \$96 handling fee for 12 diskettes), or \$50 (plus \$8 handling fee per diskette) for single diskettes. Diskettes should be ordered directly from GAMA, 1901 North Moore Street, Suite 1100, Arlington, VA 22209.

For more information, please contact:

Sandra Mullen
GAMA Efficiency Certification Program
ETL Testing Laboratories, Inc.
3933 U.S. Route 11
Cortland, NY 13045
Phone: (607) 753-6711

GAS AIR CONDITIONERS, ENGINE-DRIVEN

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on engine-driven gas air conditioning equipment from 15 to 1000 tons.

The database includes the following fields: manufacturer, model, fuel type, compressor type, refrigerant, cooling source, cooling media, cooling capacity, cooling coefficient of performance, energy-efficiency ratio, heat recovery from the engine, heat recovery from the exhaust, and identification of heating value.

Information for the product listings comes from manufacturer-supplied data or literature. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:
Lee Smith
Associate Project Manager
Appliance Directories
New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901
Albany, NY 12223-1253
Phone: (518) 465-6251, ext. 313
Fax: (518) 449-4989

GAS-FIRED DIRECT HEATING EQUIPMENT

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on gas-fired direct heating equipment. The database includes floor and duct furnaces and room, wall, and unit heaters.

The database includes the following fields: manufacturer, brand, model, type, fuel, IID, input, output, thermal efficiency standby, annual fuel utilization efficiency, DOE-covered.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
Appliance Certification Program
California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description

The Gas Appliance Manufacturers Association (GAMA) maintains a database that provides model-, performance-, and manufacturer-specific information on gas-fired direct heating equipment. The database includes floor furnaces, room heaters, and wall furnaces.

The database includes the following fields: manufacturer, trade name, model, fuel, unit type, input, heating capacity, and annual fuel utilization efficiency.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

Data use is limited by copyright.

Information is updated every 6 months.

Access

This information is available on paper or diskette. Files are provided in ASCII format.

Cost

Copies of the database include information on residential heating and water-heating equipment. An annual subscription of two issues on paper is \$10. Single copies can be ordered for \$5 each. Paper copies should be ordered from Environmental Testing Laboratories (ETL). Contact information is listed below.

An annual subscription on diskette is \$480 (plus \$96 handling fee for 12 diskettes), or \$50 (plus \$8 handling fee per diskette) for single diskettes. Diskettes should be ordered directly from GAMA, 1901 North Moore Street, Suite 1100, Arlington, VA 22209.

For more information, please contact:

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ETL Testing Laboratories, Inc.
3933 U.S. Route 11
Cortland, NY 13045
Phone: (607) 753-6711

HEAT PUMPS, AIR-SOURCE

Description

The Air-Conditioning and Refrigeration Institute (ARI) maintains a database that provides model-, performance-, and manufacturer-specific information on air-source central air conditioners and heat pumps ranging up to 240,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, trade name, model, type, cooling cost, capacity, seasonal energy-efficiency ratio or energy-efficiency ratio, heating seasonal performance factor, and sound rating.

Information for the product listings is verified by random laboratory testing of trade association-certified data.

ARI's directory also includes a guide for estimating annual operating costs of a unit.

Data use is limited by copyright.

Access This information is available in a paperback directory (published every 6 months) or on diskettes (issued monthly). Files are provided in ASCII format. The directory information is also available on-line via internet at <http://www.ari.org>.

Cost Copies of the database include information on unitary air conditioners and unitary air-source heat pumps. Costs are \$10 for a paper copy, \$480 (plus \$96 handling fee for 12 diskettes) for an annual subscription, or \$50 (plus \$8 handling fee per diskette) for individual monthly diskettes.

For more information, please contact:

ARI Publications Dept.
Air-Conditioning and Refrigeration Institute
4301 North Fairfax Drive
Suite 425
Arlington, VA 22203
Phone: (703) 524-8800

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on air-source heat pumps ranging from 6,600 to 568,915 Btu-per-hour capacity.

The database includes the following fields: Air-Conditioning and Refrigeration Institute equipment-type descriptor, manufacturer, brand, compressor model, coil model (split systems only), voltage, phase, cooling capacity, electrical input, energy-efficiency ratio or seasonal energy-efficiency ratio, cooling capacity at test conditions, electrical input at test conditions, test coefficient of degradation, heating seasonal performance factor, high- and low-temperature heating data (heating capacity, electrical input, and coefficient of performance), DOE-covered product, integrated part-load value, and extreme-temperature efficiency criteria (cooling capacity, cooling electrical input, energy-efficiency ratio, heating capacity, heating electrical input, and coefficient of performance).

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
Program Manager
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California Energy Commission
1516 Ninth St., MS-42
Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description

The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on air-source heat pumps ranging up to 240,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, condenser manufacturer, condenser model, coil model, capacity, and energy-efficiency rating or seasonal energy-efficiency rating.

Information for the product listings comes from trade association-certified data. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access

This information is available on paper.

Cost

Limited copies available at no cost.

For more information, please contact:

Lee Smith
Associate Project Manager
Appliance Directories
New York State Energy Research and Development Authority
2 Empire State Plaza, Suite 1901
Albany, NY 12223-1253
Phone: (518) 465-6251, ext. 313
Fax: (518) 449-4989

HEAT PUMPS, GROUND-SOURCE

Description

The Air-Conditioning and Refrigeration Institute (ARI) maintains a database that provides model-, performance-, and manufacturer-specific information on ground-source heat pumps up to 135,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, model, type, capacity, energy-efficiency ratio, coefficient of performance, and fluid-flow rate.

Information for the product listings is verified by random laboratory testing of trade association-certified data.

Data use is limited by copyright.

Access

This information is available in a paperback directory published every 6 months.

Cost The cost for one copy of the directory is \$6.00.

For more information, please contact:

ARI Publications Dept.
Air-Conditioning and Refrigeration Institute
4301 Fairfax Drive, Suite 425
Arlington, VA 22203
Phone: (703) 524-8800

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on ground-source heat pumps ranging from 6,600 to 568,915 Btu-per-hour capacity.

The database includes the following fields: Air-Conditioning and Refrigeration Institute equipment-type descriptor, manufacturer, brand, compressor model, coil model (split systems only), voltage, phase, cooling capacity, electrical input, energy-efficiency ratio or seasonal energy-efficiency ratio, cooling capacity at test conditions, electrical input at test conditions, test coefficient of degradation, heating seasonal performance factor, high- and low-temperature heating data (heating capacity, electrical input, and coefficient of performance), DOE-covered product, integrated part-load value, and extreme-temperature efficiency criteria (cooling capacity, cooling electrical input, energy-efficiency ratio, heating capacity, heating electrical input, and coefficient of performance).

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman
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Sacramento, CA 95814-5512
Phone: (916) 654-4080
Fax: (916) 654-4304

Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on ground-source heat pumps up to 130,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, condenser manufacturer, condenser model, coil model, capacity, and energy-efficiency rating.

Information for the product listings comes from trade association-certified data. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

Appliance Directories

New York State Energy Research and Development Authority

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HEAT PUMPS, WATER-SOURCE

Description The Air-Conditioning and Refrigeration Institute (ARI) maintains a database that provides model-, performance-, and manufacturer-specific information on water-source heat pumps up to 135,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, model, type, capacity, energy-efficiency ratio, and coefficient of performance.

Information for the product listings is verified by random laboratory testing of trade association-certified data.

Data use is limited by copyright.

Access This information is available in a paperback directory published every 6 months.

Cost The cost for one copy of the directory is \$6.00.

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Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on water-source heat pumps ranging from 6,600 to 568,915 Btu-per-hour capacity.

The database includes the following fields: Air-Conditioning and Refrigeration Institute equipment-type descriptor, manufacturer, brand, compressor model, coil model (split systems only), voltage, phase, cooling capacity, electrical input, energy-efficiency ratio or seasonal

energy-efficiency ratio, cooling capacity at test conditions, electrical input at test conditions, test coefficient of degradation, heating seasonal performance factor, high- and low-temperature heating data (heating capacity, electrical input, and coefficient of performance), DOE-covered product, integrated part-load value, and extreme-temperature efficiency criteria (cooling capacity, cooling electrical input, energy-efficiency ratio, heating capacity, heating electrical input, and coefficient of performance).

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

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For more information, please contact:

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Description The New York State Energy Research and Development Authority maintains a database that provides model-, performance-, and manufacturer-specific information on water-source heat pumps up to 130,000 Btu-per-hour capacity.

The database includes the following fields: manufacturer, condenser manufacturer, condenser model, coil model, capacity, and energy-efficiency rating.

Information for the product listings comes from trade association-certified data. Only energy-efficient products are included.

Data use is limited by request that copies be made only with prior approval.

Information is updated annually.

Access This information is available on paper.

Cost Limited copies available at no cost.

For more information, please contact:

Lee Smith

Associate Project Manager

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Albany, NY 12223-1253

Phone: (518) 465-6251, ext. 313

Fax: (518) 449-4989

ROOM AIR CONDITIONERS

Description The Association of Home Appliance Manufacturers maintains a database that provides model- and performance-specific information on room air conditioners ranging from 465 to 8,500 watts.

The Association of Home Appliance Manufacturers will provide a list of the fields contained in its database and descriptions upon purchase. Cost and contact information are listed below.

Information for the product listings comes from random certified laboratory testing of trade association-certified data.

Data use is limited by copyright.

Information is updated every 6 months.

Access This information is available on diskette. Files are provided in ASCII and Statistical Analysis software formats.

Cost \$3000 initially, plus an annual update fee of \$250.

For more information, please contact:

Kimberly Bennett

Association of Home Appliance Manufacturers

20 N. Wacker Drive

Chicago, IL 60606

Phone: (312) 984-5800

Description The California Energy Commission maintains a database that provides model-, performance-, and manufacturer-specific information on room air conditioners ranging from 505 to 4,150 watts.

The database includes the following fields: manufacturer, brand, model, voltage, phase, unit type, louvered sides, cooling input, cooling output, energy-efficiency ratio, heat pump, heating output, heating input, coefficient of performance, and DOE-covered product.

Information for the product listings comes from manufacturer-supplied data.

Data use is unlimited.

Information is updated every 1 to 2 weeks.

Data Sources Directory for Purchasing Officials

Access This information is available by modem through a bulletin-board system. An electronic directory is available for download which can sort and filter the data by user-selected criteria. Files also can be downloaded in ASCII, comma-delimited, or DBF format.

Cost No fee other than the cost of long-distance phone service.

For more information, please contact:

Betty Chrisman

Program Manager

Appliance Certification Program

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Selection Guide Listings

LIGHTING

COMPACT FLUORESCENT LAMPS

Description The Lighting Research Center has developed a guide that provides performance-specific information on compact fluorescent lamps. The guide identifies performance issues, what they mean, applicable standardized test procedures, and industry-accepted performance standards. The guide also includes definitions of terms, performance issues and testing methods, product-performance information templates, and a reference section to other useful sources of information.

Data use is limited by copyright.

Access This information is available on paper.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

FLUORESCENT LAMP BALLASTS

Description The Lighting Research Center has developed a guide that provides performance-specific information on fluorescent lamp ballasts. The guide identifies performance issues, what they mean, applicable standardized test procedures, and industry-accepted performance standards. The guide also includes definitions of terms, performance issues and testing methods, product-performance information templates, and a reference section to other useful sources of information.

Data use is limited by copyright.

Access This information is available on paper.

For more information, please contact:

LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

FLUORESCENT LAMPS

Description The Lighting Research Center has developed a guide that provides performance-specific information on fluorescent lamps. The guide identifies performance issues, what they mean, applicable standardized test procedures, and industry-accepted performance standards. The guide also includes definitions of terms, performance issues and testing methods, product-performance information templates, and a reference section to other useful sources of information.

Data use is limited by copyright.

Access This information is available on paper.

For more information, please contact:
LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

LARGE FLUORESCENT FIXTURES

Description The Lighting Research Center has developed a guide that provides performance-specific information on large fluorescent fixtures. The guide identifies performance issues, what they mean, applicable standardized test procedures, and industry-accepted performance standards. The guide also includes definitions of terms, performance issues and testing methods, product-performance information templates, and a reference section to other useful sources of information.

Data use is limited by copyright.

Access This information is available on paper.

For more information, please contact:
LRC Publications
Lighting Research Center
Rensselaer Polytechnic Institute
Troy, NY 12180-3590
Phone: (518) 276-8716
Fax: (518) 276-2999

LIGHTING CONTROLS

Description The Lighting Research Center has developed a guide that provides performance-specific information on lighting controls. The guide identifies performance issues, what they mean, applicable standardized test procedures, and industry-accepted performance standards. The guide also includes definitions of terms, performance issues and testing methods, product-performance information templates, and a reference section to other useful sources of information.

Data use is limited by copyright.

Access This information is available on paper.

For more information, please contact:

LRC Publications

Lighting Research Center

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Troy, NY 12180-3590

Phone: (518) 276-8716

Fax: (518) 276-2999

OFFICE EQUIPMENT

PERSONAL COMPUTERS

Description The American Council for an Energy-Efficient Economy (ACEEE) and the Electric Power Research Institute (EPRI) have co-published a Guide to Energy-Efficient Office Equipment that provides general information on personal computers and other types of office equipment. Additional sponsors of this guide include the California Institute for Energy Efficiency, Consolidated Edison Company, New York State Energy Research and Development Authority, Ontario Hydro, Pacific Gas and Electric Company, Southern California Edison Company, U.S. Department of Energy, U.S. Environmental Protection Agency, and Wisconsin Center for Demand-Side Research. The guide includes descriptions of the different technologies that are available, energy and environmental implications, and recommendations on what to buy and how to operate equipment in an energy-efficient manner. A new edition of the Guide will be available in late 1995.

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Access This information is available on paper. EPRI members can order it at no cost through EPRI; otherwise it is available through ACEEE.

Cost The price of the 100-page guide from ACEEE is \$14 (postage-paid). Bulk discounts are available.

For more information, please contact:

ACEEE Publications
American Council for an Energy-Efficient Economy
2140 Shattuck Avenue #202
Berkeley, CA 94704
Phone: (510) 549-9914
Fax: (510) 549-9984

RESIDENTIAL APPLIANCES

ENERGY-EFFICIENT APPLIANCES

Description The American Council for an Energy-Efficient Economy (ACEEE) publishes a 250-page illustrated handbook entitled *Consumer Guide to Home Energy Savings, 4th edition*, which advises consumers how to make their homes more energy-efficient. Chapters cover: energy use and the environment, insulating and sealing air leaks, windows and doors, space heating, cooling and air conditioning, water heating, refrigerators and freezers, dishwashers, laundry, and lighting. Up-to-date listings of the most energy-efficient appliances and equipment by brand name and model number are included. These listings are updated annually.

ACEEE also publishes the listings of the most energy-efficient appliances and equipment in a 32-page booklet, *The Most Energy-Efficient Appliances, 1995 edition*.

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1001 Connecticut Avenue, N.W., Suite 801
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Access This information is available on paper from ACEEE.

Cost \$11.95 (postage-paid) for the *Consumer Guide to Home Energy Savings*. \$5.00 (postage-paid) for *The Most Energy-Efficient Appliances*. Bulk Discounts are available.

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