

Appendix E. Resources

PRINTED MATERIAL

- Aro, T. and Koivula, K., Learning from Experiences With Industrial Ventilation, CADDET, Sittard, Netherlands, 1993.
- ASHRAE Standard 62, Ventilation for Acceptable Indoor Air Quality.
- ASHRAE Standard 15-1992, Safety Code for Mechanical Refrigeration.
- ASHRAE Standard 34-1992, Number Designation and Safety Classification of Refrigerants.
- ASME B31.1, Power Piping.
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- Briley, G.C., Efficiency for R-717 and R-22 Systems – Part 5, p. 58, ASHRAE Journal, November 2003.
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The U.S. Department of Energy maintains an extensive listing of publications and articles that provide information on best practices and standards. These publications can be found in a publications library site (www.oit.doe.gov/bestpractices/library.shtml).

ON-LINE TOOLS

Alliance to Save Energy: www.ase.org

Bonneville Power Administration: www.bpa.gov

The Carbon Trust: www.thecarbontrust.co.uk

Publications: www.thecarbontrust.co.uk/energy/pages/publication_search.asp

Compressed Air Challenge: www.compressedairchallenge.org

Earle, R.L., Unit Operations in Food Processing:
www.nzifst.org.nz/unitoperations/index.htm

Energy Information Bridge: www.osti.gov/bridge

Energy Manager Training: www.energymanagertraining.com/new_index.php

Energy Matters: www.oit.doe.gov/bestpractices/energymatters/energy_matters.shtml

Energy Services, Energy Solutions Database: www.energyexperts.org/energy_solutions

Energy Star for Manufacturers: www.energystar.gov/index.cfm?c=manuf_res.pt_manuf

Food Engineering: The Magazine for Manufacturing Management:
www.foodengineeringmag.com

Gartner Refrigeration and Manufacturing: www.gartner-refrig.com
Tips and Tools: www.gartner-refrig.com/resources/tips.asp

The Industrial Refrigeration Consortium: www.irc.wisc.edu.
Downloads: www.irc.wisc.edu/software/downloads.php
Publications: <http://www.irc.wisc.edu/publications/>

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Basics: www.air.ingersoll-rand.com/NEW/pedwards.htm

Lawrence Berkeley National Laboratory, The Energy Analysis Department:
<http://eetd.lbl.gov/EA.html>

Oak Ridge National Laboratory (ORNL) – Buildings Technology Center:
www.ornl.gov/sci/btc/apps

Building Envelopes Program: www.ornl.gov/sci/roofs+walls/

Insulation Fact Sheet: www.ornl.gov/sci/roofs+walls/insulation/ins_01.html

ZIP-Code Insulation Program: www.ornl.gov/~roofs/Zip/ZipHome.html

Online Chemical Engineering Information, Pinch Technology: Basics for Beginner:
www.cheresources.com/pinchtech1.shtml

Singh, Paul, Teaching Resources: Animation:
www.rpaulsingh.com/animated%20figures/animationlist.htm

Spirax Sarco Learning Center:
www.spiraxsarco.com/learn/default.asp?redirect=html/3_13_01.htm

Steaming Ahead: www.steamingahead.org

U.S. Department of Energy – Energy Efficiency and Renewable Energy:

www.eere.energy.gov

Building Technologies Program: www.eere.energy.gov/buildings

Information Resources: www.eere.energy.gov/buildings/info/publications.html

Energy Savers: www.eere.energy.gov/consumerinfo

Energy Information Bridge: www.osti.gov/bridge

Industrial Technologies Program: www.eere.energy.gov/industry

BestPractices: www.oit.doe.gov/bestpractices

Compressed Air: www.oit.doe.gov/bestpractices/compressed_air

Energy Matters:

www.oit.doe.gov/bestpractices/energymatters/energy_matters.shtml

Fact Sheets: www.oit.doe.gov/factsheets/fact_other.shtml

Motors: www.oit.doe.gov/bestpractices/motors

Plant-Wide Assessments: www.oit.doe.gov/bestpractices/assessments.shtml

Process Heating: www.oit.doe.gov/bestpractices/process_heat

Tools and Publications: www.oit.doe.gov/bestpractices/pubs.shtml

EERE Information Center: 1-877-EERE-INF or eereic@ee.doe.gov

Publications Library: www.oit.doe.gov/bestpractices/library.shtml

- Technical Publications
- Case Studies
- Plant-Wide Assessment Summaries
- Energy Matters
- Training Materials
- Library Links

Software Tools: www.oit.doe.gov/bestpractices/software_tools.shtml

- AIRMaster+
- Fan System Assessment Tool (FAST)
- MotorMaster+
- MotorMaster+ International
- NOx and Energy Assessment Tool (NxEAT)
- Process Heating Assessment and Survey Tool (PHAST)
- Pumping System Assessment Tool (PSAT)
- Steam System Tool Suite
 - Steam System Scoping Tool (SSST)
 - Steam System Assessment Tool (SSAT)
 - 3EPlus
- Decision Tools for Industry
- ASDMaster: Adjustable Speed Drive Evaluation Methodology and Application

Steam: www.oit.doe.gov/bestpractices/steam

Simply Insulate: www.simplyinsulate.com

ORGANIZATIONS

Alliance to Save Energy: www.ase.org

American Council for an Energy Efficient Economy: www.aceee.org

American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE): www.ashrae.org

Association of Energy Engineers: www.aeecenter.org

Boiler Efficiency Institute: www.boilerinstitute.com

British Compressed Air Society: www.britishcompressedairsociety.co.uk

The Carbon Trust: www.thecarbontrust.co.uk/energy

Centre for Analysis and Dissemination of Demonstrated Energy Technologies (CADDET): www.caddet.org

Council of Industrial Boiler Owners (CIBO): www.cibo.org.

Energy User News: www.energyusernews.com

Food and Drink Federation, Voice of the UK Food and Drink Manufacturing Industry: www.fdf.org.uk/home.aspx

Gas Research Institute: www.gri.org

The Industrial Refrigeration Consortium: www.irc.wisc.edu

International Energy Agency: www.iea.org

International Institute of Ammonia Refrigeration: www.iiar.org

Iowa Energy Center: www.energy.iastate.edu

Iowa State University Industrial Assessment Center (IAC): (515) 294-3080 or www.me.iastate.edu/iac

Lawrence Berkeley National Laboratory, The Energy Analysis Department, National: <http://eetd.lbl.gov/EA.html>

National Electrical Manufacturers Association: www.nema.org

North American Insulation Manufacturers Association (NAIMA): www.naima.org

Sustainable by Design: www.susdesign.com

Technical Information Services: www.ntis.gov

United Kingdom Energy Efficiency: www.etsu.com