

License Information

Scope- Tests a candidate's knowledge of the installation, maintenance, repair, alteration, and extension of residential air conditioning systems, related warm air heating, ventilation, and duct systems, not to exceed five tons cooling capacity per unit.

Examination Outline

Open Book

60 Questions – Three-hour time limit

75% Correct Required to Pass

SUBJECT AREA	PERCENTAGE
HARV GENERAL	20
AIR CONDITIONING	18
HARV CONTROLS	13
FUEL GAS SYSTEMS	10
DUCTS	13
WARM AIR HEATING	13
HARV LOAD CALCULATION	8
SAFETY	5

References

The following references ARE allowed in the testing center:

1. *Code of Federal Regulations, Title 29, Part 1926 (OSHA)*, 2003 Edition, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, www.access.gpo.gov.
2. *Manual D – Residential Duct Systems*, 1995 Edition, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
3. *Modern Refrigeration and Air Conditioning*, Eighteenth Edition, 2004, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243, www.goodheartwillcox.com.
4. *ACCA Duct Slide Rule*, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
5. *AHAM RAC-1-2003 – Room Air Conditioners (Reaffirmation of ANSI/AHAM RAC-1-1992)*, 2003 Edition, Association of Home Appliance Manufacturers (AHAM), Suite 402, 1111 19th Street NW, Washington, DC 20036, www.aham.org.
6. *Fibrous Glass Duct Construction Standards*, Fifth Edition, 2002, North American Insulation Manufacturers Association (NAIMA), 44 Canal Center Plaza, Suite 310, Alexandria, VA 22314, www.naima.org.
7. *Florida Building Code*, 2002/2003, Revised Second Edition, 2001, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
8. *Florida Building Code: Fuel Gas Volume*, 2002/2003, Revised Second Edition, 2001, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
9. *Florida Building Code: Mechanical Volume*, 2002/2003, Revised Second Edition, 2001, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
10. *Manual J – Residential Load Calculation*, Eighth Edition, 2002, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
11. *Pipefitters Handbook*, Third Edition, 1967, Industrial Press, Inc., 200 Madison Avenue, New York, NY 10016, www.industrialpress.com.
12. *TRANE Ductulator*, TRANE Company, c/o Inland Marketing Services, 3030 Airport Road, La Crosse, WI 54603, www.trane.com/bookstore.

For information on how to obtain examination references, please call toll-free 877.624.2562.

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