

## 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 19<sup>th</sup> 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.***

## Copyrighted Exam Questions

All test questions are the copyrighted property of Prometric Inc. It is forbidden under federal copyright law to copy, reproduce, record, distribute or display these test questions by any means, in whole or in part, without our written permission. Doing so may subject you to severe civil and criminal penalties, including up to five years in prison and/or a \$250,000 fine for criminal violations.