ANSI/AHRI Standard 810 (I-P)

2012 Standard for

Performance Rating of Automatic Commercial Ice-Makers

Approved American National Standard ANSI

Approved by ANSI on June 12, 2013

AHRI Air-Conditioning, Heating, and Refrigeration Institute

2111 Wilson Boulevard, Suite 500
Arlington, VA 22201, USA
www.ahrinet.org

PH 703.524.8800
FX 703.562.1942

AVA Documents
Document Sharing Hub

Full document details: AHRI Standard 810-2012 (I-P) - Performance Rating of Automatic Commercial Ice-Makers

IMPORTANT

SAFETY DISCLAIMER

AHRI does not set safety standards and does not certify or guarantee the safety of any products, components or systems designed, tested, rated, installed or operated in accordance with this standard/guideline. It is strongly recommended that products be designed, constructed, assembled, installed and operated in accordance with nationally recognized safety standards and code requirements appropriate for products covered by this standard/guideline.

AHRI uses its best efforts to develop standards/guidelines employing state-of-the-art and accepted industry practices. AHRI does not certify or guarantee that any tests conducted under its standards/guidelines will be non-hazardous or free from risk.

AHRI CERTIFICATION PROGRAM PROVISIONS

Scope of the Certification Program

The Certification Program includes all Automatic Commercial Ice-Makers as defined in Section 3 and includes all Ice Storage Bins as defined in Section 3 of AHRI Standard 820 (I-P)-2012, *Performance Rating of Ice Storage Bins*.

Certified Ratings

The following Certification Program ratings are verified by test at the Standard Rating Conditions:

a. Ice Harvest Rate, lb/24 h
b. Potable Water Use Rate, gal/100 lb of ice (Batch Type Ice-Makers only)
c. Condenser Water Use Rate, gal/100 lb of ice
d. Energy Consumption Rate, kWh/100 lb of ice
e. Bin Theoretical Storage Capacity, lb (Self-Contained Model Ice-Makers only)
f. Ice Hardness Factor, % (Continuous Type Ice-Makers only)

Note:

This standard supersedes AHRI Standard 810-2007 with Addendum 1.

For SI ratings, see AHRI Standard 811 (SI)-2012.

Price $15.00 (M) $30.00 (NM)
Printed in U.S.A.

©Copyright 2012, by Air-Conditioning, Heating and Refrigeration Institute
Registered United States Patent and Trademark Office

Documents Document Sharing Hub

Full document details: AHRI Standard 810-2012 (I-P) - Performance Rating of Automatic Commercial Ice-Makers

TABLE OF CONTENTS

SECTION PAGE

Section 1. Purpose....1

Section 2. Scope....1

Section 3. Definitions....1

Section 4. Test Requirements....2

Section 5. Rating Requirements....3

Section 6. Minimum Data Requirements for Published Ratings....4

Section 7. Marking and Nameplate Data....4

Section 8. Conformance Conditions....4

APPENDICES

Appendix A. References – Normative....5

Appendix B. References – Informative....5

Documents
Document Sharing Hub

Full document details: AHRI Standard 810-2012 (I-P) - Performance Rating of Automatic Commercial Ice-Makers