AHRI Standard 751 (SI)

2016 Standard for

Performance Rating of Thermostatic Refrigerant Expansion Valves

AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE
we make life better™
2111 Wilson Boulevard, Suite 500
Arlington, VA 22201, USA
www.ahrinet.org
PH 703.524.8800
FX 703.562.1942

Documents
Document Sharing Hub

Full document details: ARI 751 2016

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 test conducted under its standards/guidelines will be non-hazardous or free from risk.

Note:

This standard supersedes AHRI Standard 750-2007.

For I-P ratings, see AHRI Standard 750 (I-P)-2016.

Price $10.00 (M) $20.00 (NM)
Printed in U.S.A.

©Copyright 2016, by Air-Conditioning, Heating, and Refrigeration Institute
Registered United States Patent and Trademark Office

Documents Document Sharing Hub
Full document details: ARI 751 2016

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	2
Section 6.	Minimum Data Requirements for Published Ratings	3
Section 7.	Marking and Nameplate Data	4
Section 8.	Conformance Conditions	4

TABLES

Table 1.	Standard Rating Conditions	3

APPENDICES

Appendix A.	References - Normative	5
Appendix B.	References - Informative	5
Appendix C.	Recommended MOP for Pressure-Limiting Type Thermostatic Refrigerant Expansion Valves - Informative	6
Appendix D.	Recommended Standard Connection Sizes - Informative	7

TABLES FOR APPENDICES

Table C1.	Recommended MOP for Pressure-Limiting Type Thermostatic Refrigerant Expansion Valves	6
Table D1.	Recommended Standard Connection Sizes	7

Documents
Document Sharing Hub

Full document details: ARI 751 2016