

FOREWORD

Energy efficient residential heating and air conditioning systems are those that are installed by qualified contracting companies which employ highly trained and experienced technicians. SMACNA Contractors, who install heating and air conditioning systems in accordance with these standards, meet the above requirements by providing the end-user with the required comfort levels while maintaining the necessary energy savings.

As with previous SMACNA manuals and standards, this manual has been revised extensively since the sixth edition was published in 1988. This is in concert with SMACNA's commitment to providing manuals and standards that are current and that meet the needs of the industry as technology changes.

In addition to the large number of contributors to this edition and previous editions, a special thanks is expressed to the Air Conditioning Contractors of America (ACCA) for allowing the use of the procedures, figures, and tables from "Manual J—Load Calculation for Residential Winter and Summer Air Conditioning" (Seventh Edition).

The Residential Task Force recognizes that in the future, this installation standard may be revised or updated. As the need arises, manuals on related subjects may be developed. A continuing effort will be made to provide the industry with a compilation of the latest construction methods and engineering data from recognized industry sources, supplemented by SMACNA research and the services of SMACNA Chapters and SMACNA Contractors.

SHEET METAL AND AIR CONDITIONING CONTRACTORS'
NATIONAL ASSOCIATION, INC.

