

## FOREWORD

The Sheet Metal and Air Conditioning Contractors' National Association presents this *Ducted Electric Heat Guide for Air Handling Systems* to assist contractors, designers and authorities in the installation and use of electric duct heaters in low pressure and low velocity systems.

This Guide covers electric duct heaters which are not integral with nor attached to air conditioners, heat pumps, air conditioning units or other air handling equipment.

The information contained in this Guide has been developed with the cooperation of many equipment manufacturers and other knowledgeable people with field and design experience. It is anticipated that the utilization of the recommendations herein will avoid certain problems experienced in the use of ducted electric heaters in air systems and will result in improved system performance and safe operation.

The design and the capacity of the electric heaters and the electrical loading factors should be verified with the code authorities having jurisdiction as to the compliance with the electrical requirements of the specific area of installation. The electric criteria herein is based upon the current standards at the time of this publication. Future editions of the National Electric Code may provide a variance with the electrical data contained in this edition. The only changes from the first edition are revisions in the illustrations reflecting current duct construction standards.

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

