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Introduction to Building Services

Second Edition

E.F. Curd and C.A. Howard
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First edition 1988

Second edition 1996

Published by

MACMILLAN PRESS LTD

Houndmills, Basingstoke, Hampshire RG21 6XS

and London

Companies and representatives

throughout the world

ISBN 978-0-333-59911-2

ISBN 978-1-349-13298-0 (eBook)

DOI 10.1007/978-1-349-13298-0

A catalogue record for this book is available
from the British Library.

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05	04	03	02	01	00	99	98	97	96

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PREFACE

This book is intended as a textbook for use by students of quantity surveying, building surveying, estate management, architecture and building up to degree level. It can also be used as an introduction for students of building services engineering.

Some students find the important topic of building services difficult to grasp. This is because they are unable to associate it with their future profession, or relate it to the environmental science topics covered in the course of their study.

The method of treatment in this book is to provide individual students or whole classes with a teaching approach of sufficient clarity that the student, presumably unfamiliar with the topic, will not be confused, and to give sufficient coverage of the topics to provide solid theoretical groundwork together with some knowledge of practice.

This second edition has been prepared in order to bring the book up to date with recent developments in the field since the first edition was written.

All chapters have been revised, and new chapters added, together with an appendix covering some of the basic equations used in building services engineering. An important new feature, which the authors believe will find favour with both lecturers and students, is the model questions given at the end of each chapter.

As British, European and international standards, as well as the UK Building Regulations, have changed considerably since the first edition, this new edition allows these to be brought up to date. It must be remembered, however, that all BS and CEN (European) standards are in a state of flux, and reference should always be made to the current standards. It is recommended that *Environmental Science in Buildings* by Randall McMullan (Macmillan, 3rd edn, 1992) is read in conjunction with this book in order to clarify and augment the relationship between environmental science and building services.

E.F. Curd
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1996