



BSI Standards Publication

Water based surface embedded heating and cooling systems

Part 5: Determination of the thermal output for wall and ceiling heating and for floor, wall and ceiling cooling

National foreword

This British Standard is the UK implementation of EN 1264-5:2021. It supersedes BS EN 1264-5:2008, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee RHE/6, Air or space heaters or coolers without combustion.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2021

ISBN 978 0 539 06887 0

ICS 91.140.10

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 May 2021.

Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Water based surface embedded heating and cooling
systems - Part 5: Determination of the thermal output for
wall and ceiling heating and for floor, wall and ceiling
cooling

Systèmes de surfaces chauffantes et rafraîchissantes
hydrauliques intégrées - Partie 5 : Détermination de
l'émission thermique des surfaces chauffantes et
rafraîchissantes intégrées dans les sols, les plafonds et
les murs

Raumflächenintegrierte Heiz- und Kühlsysteme mit
Wasserdurchströmung - Teil 5: Bestimmung der
Wärmeleistung von Wand- und Deckenheizung sowie
Kühlleistung von Fußboden-, Wand- und
Deckenkühlung

This European Standard was approved by CEN on 12 April 2021.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 1264-5:2021) has been prepared by Technical Committee CEN/TC 130 “Space heating appliances without integral heat sources”, the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1264-5:2008.

The main changes compared to the previous edition are listed below:

- a) Modification of the Title;
- b) Clarification of the Scope;
- c) Improved wording, especially the term “prove method”.

EN 1264, *Water based surface embedded heating and cooling systems*, consists of the following parts:

- *Part 1: Definitions and symbols;*
- *Part 2: Floor heating: Methods for the determination of the thermal output using calculations and experimental tests;*
- *Part 3: Dimensioning;*
- *Part 4: Installation;*
- *Part 5: Determination of the thermal output for wall and ceiling heating and for floor, wall and ceiling cooling.*

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