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Titolo	Building Services and Energy Efficient Buildings [[electronic resource] /] / by Dirk Bohne
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Descrizione fisica	1 online resource (643 pages)
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Soggetti	Construction industry—Management Facility management Construction Management Facility Management
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Nota di contenuto	Basics -- Sanitary rooms -- Sewage and water technology -- Heating and cooling supply systems -- Indoor air technology -- Electrical engineering -- Conveyor systems -- Energy concepts.
Sommario/riassunto	The completely revised basic work presents the latest state of the art. Numerous amended technical rules have been incorporated into the revision. In the chapter "Energy concepts", suitable solutions from competitions have been included that meet the requirements of the energy transition. In addition to the numerous explanations of sustainable building systems, the various individual topics of the book are brought together. The CO2 assessment of energy requirements is also presented. The technical content is condensed according to the facts and contexts relevant to architects and civil engineers. The extensive illustration section with detailed drawings for pictorial commentary on the text has been revised and updated. The "Bohne" thus remains an indispensable basic work for keeping pace with the dynamic technological development, the increasing demands for comfort and the requirements for an economical and environmentally friendly use of energy in technical building. The contents Basics Sanitary rooms Sewage and water technology Heating and cooling supply systems Ventilation technology Electrical engineering Conveying

systems Energy concepts The target group Architects and civil engineers in study and practice The author Dirk Bohne teaches building services engineering at the Leibniz University of Hanover and is a partner in engineering companies for technical building services. The translation was done with the help of artificial intelligence. A subsequent human revision was done primarily in terms of content.