1. Record Nr. UNISALENTO991003215069707536

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Titolo	Ventilation for environmental tobacco smoke [e-book] / by Brian A. Rock
Pubbl/distr/stampa	Oxford ; Burlington, MA : Elsevier Butterworth-Heinemann, 2006
ISBN	9780123708861 0123708869
Descrizione fisica	v, 205 p. : ill. ; 24 cm
Disciplina	697.92
Soggetti	Ventilation - Design and construction Indoor air pollution Industrial buildings - Heating and ventilation - Design Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical reference and index
Nota di contenuto	Chapter 1 Introduction -- Chapter 2 What is ETS -- Chapter 3 Indoor Environmental Quality -- Chapter 4 Ventilation Rates for ETS -- Chapter 5 ETS Design Issues -- Chapter 6 Applications -- Chapter 7 Summary -- Nomenclature -- References -- Index
Sommario/riassunto	Odor and irritation play a prominent role in the quality of air when tobacco smoke (ETS) is present within a building. Ventilation for Environmental Tobacco Smokewas written to educate companies about obstructed ventilation systems due to tobacco smoke within their facilities. It is a guide that HVAC designers can use to provide better, more efficient units for ventilate, thus creating higher optimized air quality, comfort, and energy use. Many HVAC(heating, ventilating, and air-conditioning)designers have few guides to follow for providing efficient systems to handle ETS problems. This design guide primarily focuses on the design structure of units and less on the requirements according to codes and guidelines. With the proper guidance, HVAC designers will be insured to produce a highly efficient system that will reassure companies and clients that they are receiving quality ventilation flow. This guide can be used as an introductory on ETS, as a refresher to those within the HVAC industry, a tool to stimulate more

discussion and research, as well as a reference for architects and building owners who are already experienced on ETS concerns. * Presents background information on HVAC * Provides an overview of what factors affect indoor environmental quality and methods for estimating needed ventilation rates * Contains design issues and examples for various applications, along with summaries