

1. Record Nr.	UNINA9911006769303321
Titolo	UFAD guide : design, construction, and operation of underfloor air distribution systems
Pubbl/distr/stampa	[Place of publication not identified], : ASHRAE, 2013
ISBN	1-68015-326-9 1-936504-49-9
Descrizione fisica	1 online resource (ix, 323 pages) : illustrations
Disciplina	697.9/3
Soggetti	Air conditioning Ventilation Air ducts Floors Civil & Environmental Engineering Engineering & Applied Sciences Civil Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Room air distribution principles -- Underfloor air supply plenum principles -- Applications -- UFAD system configurations -- Diffusers and terminal units for UFAD -- Indoor environmental quality (principles and guidelines) -- Energy considerations -- Standards, codes, and ratings -- Cost considerations -- Guidance for system design -- Controls for UFAD systems -- Guidance for construction -- Guidance for building commissioning -- Guidance for operations and maintenance.
Sommario/riassunto	"Guide provides assistance in the design of UFAD systems that are energy efficient, intelligently operated, and effective in their performance. It also describes important research results that support current thinking on UFAD design"--