Air Cooled Condensing Units Airview

Douglas AirviewRefrigeration Engineering

The ITherm Conference series is the leading international venue for scientific and engineering exploration of thermal, thermomechanical, and emerging technology issues associated with electronic devices, packages, and systems

The Death and Life of Great American Cities

Domestic Engineering and the Journal of Mechanical Contracting

Chain Store Age

The Commercial Motor

Thomas Register

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The 2011 ASHRAE Handbook: HVAC Applications comprises over 60 chapters covering a broad range of facilities and topics, and is written to help engineers design and use equipment and systems described in other Handbook volumes. ASHRAE Technical Committees have revised nearly every chapter to cover current requirements, technology, and design practice. An accompanying CD-ROM contains all the volume's chapters in both I-P and SI units.

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ASHRAE Journal

Refrigeration Engineering

Mechanical Engineering

Quick Frozen Foods

English abstracts from Kholodil'naia tekhnika.

Based on a comprehensive study review by leading urban planning researchers, this investigative document demonstrates how urban development is both a key contributor to climate change and an essential factor in combating it -- by reducing vehicle greenhouse gas emissions.

The Aeroplane

Heating and Ventilating; Air Conditioning

Growing Cooler

Aeronautical Engineering Review

Aircraft Yearbook

Includes a mid-December issue called Buyer guide edition.

"History of the American society of mechanical engineers. Preliminary report of the committee on Society history," issued from time to time, beginning with v. 30, Feb. 1908.

Douglas Airview

Thomas Register of American Manufacturers and Thomas Register Catalog File

Electrical World
2021 20th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (iTherm)
Aircraft Year Book

Thirty years after its publication, The Death and Life of Great American Cities was described by The New York Times as "perhaps the most influential single work in the history of town planning....[It] can also be seen in a much larger context. It is first of all a work of literature; the descriptions of street life as a kind of ballet and the bitingly satiric account of traditional planning theory can still be read for pleasure even by those who long ago absorbed and appropriated the book's arguments." Jane Jacobs, an editor and writer on architecture in New York City in the early sixties, argued that urban diversity and vitality were being destroyed by powerful architects and city planners. Rigorous, sane, and delightfully epigrammatic, Jacobs's small masterpiece is a blueprint for the humanistic management of cities. It is sensible, knowledgeable, readable, indispensable. The author has written a new foreword for this Modern Library edition.

This book focuses on various aspects related to air pollution, including major sources of air pollution, measurement techniques, modeling studies and solution approaches to control. The book also presents case studies on measuring air pollution in major urban areas, such as Delhi, India. The book examines vehicles as a source of air pollution and addresses the quantitative analysis of engine exhaust emissions. Subsequent chapters discuss particulate matter from engines and coal-fired power plants as a major pollutant, as well as emission control techniques using various after treatment systems. The book's final chapter considers future perspectives and a way forward for sustainable development. It also discusses several emission control techniques that will gain relevance in the future, when stricter emission norms will be enforced for international combustion (IC) engines as well as power plants. Given its breadth of coverage, the book will benefit a wide variety of readers, including researchers, professionals, and policymakers.

2011 ASHRAE Handbook
Thomas' Register of American Manufacturers
Refrigerating Engineering

Pulp & Paper

Marine Engineers Review

Vols. 1-17 include Proceedings of the 10th-24th (1914-28) annual meeting of the society.

This is a print on demand edition of a hard to find publication. Water from forested watersheds provides irreplaceable habitat for aquatic and riparian species and supports our homes, farms, industries, and energy production. Yet population pressures, land uses, and rapid climate change combine to seriously threaten these waters and the resilience of watersheds in most places. Forest land managers are expected to anticipate and respond to these threats and steward forested watersheds to ensure the sustained protection and provision of water and the services it provides. Contents of this report: (1) Intro.; (2) Background: Forests and Water; Climate Change: Hydrologic Responses and Ecosystem Services; (3) Moving Forward: Think; Collaborate; Act; (4) Closing; (5) Examples of Watershed Stewardship. Illus.

Business Week

Aviation Week & Space Technology

Air Pollution and Control

Directory of Maryland Manufacturers

Vols. for May 1929-Dec. 1958 include the Journal of the American Society of Heating and Air-Conditioning Engineers (called in 1929-54 American Society of Heating and Ventilating Engineers) in "Journal section."

Urban heat islands are a new type of microclimatic phenomenon that causes a significant increase in the temperature of cities compared to surrounding areas. The phenomenon has been enforced by the current trend towards climate change. Although experts consider urban heat islands an urgent European Union public health concern, there are too few policies that address it. The EU carried out a project to learn more about this phenomenon through pilot initiatives. The pilots included feasibility studies and strategies for appropriately altering planning rules and governance to tackle the problem of urban heat islands. The pilots were carried out in eight metropolitan areas: Bologna/Modena, Budapest, Ljubljana, Lodz, Prague, Stuttgart, Venice/Padova, and Vienna. The feasibility studies carried out in these pilot areas focused on the specific morphology of EU urban areas, which are often characterised by the presence of historical old towns.

Watershed Stewardship for a Changing Climate

Heat Engineering

Heating, Piping, and Air Conditioning

The Evidence on Urban Development and Climate Change

The Oil and Gas Journal

Vols. for 1970-71 includes manufacturers' catalogs.

Includes section "Book Reviews".

Counteracting Urban Heat Island Effects in a Global Climate Change Scenario
An Assessment of U.S.-Based Electron-Ion Collider Science
The Journal of Refrigeration
The Journal of the American Society of Mechanical Engineers
Air Conditioning, Heating and Ventilating

Understanding of protons and neutrons, or "nucleons" â € "the building blocks of atomic nuclei â € "has advanced dramatically, both theoretically and experimentally, in the past half century. A central goal of modern nuclear physics is to understand the structure of the proton and neutron directly from the dynamics of their quarks and gluons governed by the theory of their interactions, quantum chromodynamics (QCD), and how nuclear interactions between protons and neutrons emerge from these dynamics. With deeper understanding of the quark-gluon structure of matter, scientists are poised to reach a deeper picture of these building blocks, and atomic nuclei themselves, as collective many-body systems with new emergent behavior. The development of a U.S. domestic electron-ion collider (EIC) facility has the potential to answer questions that are central to completing an understanding of atoms and integral to the agenda of nuclear physics today. This study assesses the merits and significance of the science that could be addressed by an EIC, and its importance to nuclear physics in particular and to the physical sciences in general. It evaluates the significance of the science that would be enabled by the construction of an EIC, its benefits to U.S. leadership in nuclear physics, and the benefits to other fields of science of a U.S.-based EIC.

Heating, Ventilating, and Air-conditioning Applications
Marine Review
Modern Refrigeration
Water, Climate Change, and Forests
Power and the Engineer