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Autore	Jones, W. P. (William Peter), 1922-
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Nota di contenuto	The need for air conditioning * Fundamental properties of air and water vapour mixtures * The psychrometry of air conditioning processes * Comfort and inside design conditions * Climate and outside design conditions * The choice of supply design conditions * Heat gains from solar and other sources * Cooling load * The fundamentals of vapour compression refrigeration * Air cooler coils * The rejection of heat from condensers and cooling towers * Refrigeration plant * Automatic controls * Vapour absorption refrigeration * Airflow in ducts and fan performance * Ventilation and a decay equation * Filtration * Index
Sommario/riassunto	Designed for students and professional engineers, the fifth edition of this classic text deals with fundamental science and design principles of air conditioning engineering systems. W P Jones is an acknowledged expert in the field, and he uses his experience as a lecturer to present the material in a logical and accessible manner, always introducing new techniques with the use of worked examples. This new edition has been fully updated to take into account the latest developments in standards, legislation and technology. The book includes recent research on building energy management systems and the latest refrigerants. Each chapter contains many examples, exercises and further reading enabling the reader to expand their knowledge through additional research. Keep up-to-date with the latest standards and technology Put theory into practice with examples and exercises plus

information for further reading New edition includes recent research on building energy management systems and the latest refrigerants