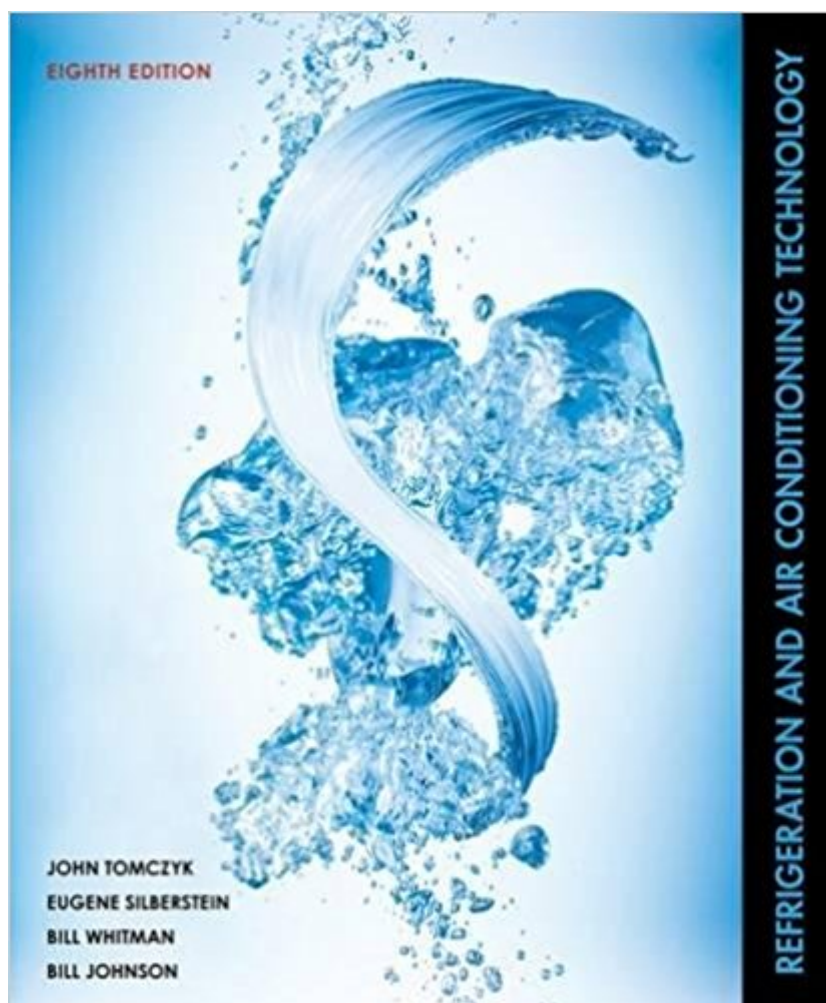


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# Refrigeration And Air Conditioning Technology



## Synopsis

Develop the knowledge and skills you need to maintain and troubleshoot today's complex heating, air conditioning, and refrigeration systems with REFRIGERATION AND AIR CONDITIONING TECHNOLOGY, 8th Edition. This practical, easy-to-understand book provides hands-on guidance, practical applications, and the solid foundation you need to fully understand today's HVAC service and repair, its environmental challenges, and their solutions. Focused on sustainable technology in today's HVAC/R industry with an emphasis on new technologies and green awareness, the 8th Edition covers the latest advances in the industry and the all-important soft skills and customer relations issues that impact customer satisfaction and employment success. Memorable examples, more than 260 supporting photos, and unique Service Call features bring concepts to life and help you develop the critical skills you need for success in your future career.

## Book Information

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"We just converted most of our new program to use only this text, for most of the courses."

John Tomczyk received his associate's degree in refrigeration, heating, and air-conditioning technology from Ferris State University in Big Rapids, Michigan; his bachelor's degree in mechanical engineering from Michigan State University in East Lansing, Michigan; and his master's degree in education from Ferris State University. Mr. Tomczyk has worked in refrigeration, heating, and air conditioning service and technical writing consultation for both the academic and industrial fields for numerous years -- enabling him to bring a wealth of experience to this text. His technical articles have been featured in many HVACR magazines and journals. Mr. Tomczyk is also the author of TROUBLESHOOTING AND SERVICING MODERN AIR CONDITIONING AND REFRIGERATION SYSTEMS. Mr. Tomczyk has 29 years of teaching experience at the Refrigeration, Heating, and Air-Conditioning Technology program at Ferris State University and is a member of many HVAC/R trade organizations. Over the past thirty-five plus years, Eugene has been involved in all aspects of the HVAC/R industry from field technician and system designer to

company owner, teacher, administrator, consultant and author. Eugene is presently an Assistant Professor and lead faculty member for the HVAC/R program at Suffolk County Community College in Brentwood, New York. Eugene has twenty-three years of teaching experience and has taught HVAC at several institutions. Eugene earned his dual Bachelors Degree from The City College of New York and his Masters of Science degree from Stony Brook University, where he specialized in renewable and sustainable energy sources. He earned his Certified Master HVAC/R Educator (CMHE) credential from the ESCO Group. Eugene also carries the BEAP credential issued by ASHRAE, classifying him as a Building Energy Assessment Professional. Eugene, an active member of both ASHRAE and RSES, served as the author and subject matter expert for multiple projects including Refrigeration and Air Conditioning Technology, 6th and 7th Editions, Residential Construction Academy: HVAC, 1st and 2nd Edition, Pressure Enthalpy Without Tears (2006), Heat Pumps, 1st and 2nd Editions and Psychrometrics Without Tears (2014). Now retired from teaching and writing, Bill Whitman has contributed a wealth of academic expertise as well as industry knowledge to this book. Mr. Whitman graduated from Keene State College in Keene, New Hampshire with a bachelor's degree in Industrial Education. He received his master's degree in School Administration from St. Michael's College in Winooski, Vermont. After instructing drafting courses for three years, Mr. Whitman became the Director of Vocational Education for the Burlington Public Schools in Burlington, Vermont, a position he held for eight years. He spent five years as the Associate Director of Trident Technical College in Charleston, South Carolina. Mr. Whitman was the head of the Department of Industry for Central Piedmont Community College in Charlotte, North Carolina, for 18 years. Now retired, Bill Johnson has taught heating, air conditioning, and refrigeration for more than two decades in various technical colleges and factory schools. A graduate of Southern Technical Institute, a branch of Georgia Tech in Atlanta, Georgia, he has also served as Service Manager for a major manufacturer for six years. Mr. Johnson owned his own HVAC/R business for 10 years and has been a member of the Refrigeration Service Engineers Society and the American Society of Heating Refrigerating Air Conditioning Engineers. His authoring credits include three major textbooks on the market today as well as their ancillary materials. He also writes a monthly article -- BTU Buddy -- that is available online.

This book is used at many HVAC schools in the curriculum, and students need it for most book work. Yes, it does have useful information, but it is put together horribly. Some of the questions in the section/chapter reviews take quite a bit of searching to find, and that's after reading that particular section/chapter. As most have said, it's easier to go to 'g00gle' when looking for any

answers to questions from the book. The author might have been a great technician, but he is no writer, and has no clue how to arrange a book. It spends a paragraph on things that are, in the real world, important, and yet 2 pages on things that are never relevant. The book will be bought though, because it's in the curriculum and unfortunately there aren't many other options.

I'm just really irritated that on my new iPhone 7 plus this book constantly freezes acts weird and doesn't show any of the illustrations that it is referring to in the paragraphs. I have no complaints about the actual book. It's written very well and easy to read, I did find a few errors, small things that were easy to realize what they meant but still...Probably works fine on a Kindle...

Valuable resource. Received in perfect condition.

Getting the kindle online version has helped a whole lot with school. Easy to identify, make notes, book mark and best of all you can easily download the kindle app and sign in from anywhere and not have to lug around the physical book.

Perfect for my HVAC/R class

I thought that the book should come with a CD to use in your computer instead carries the book all the time. All my class mates has the cd except my self

I wouldn't recommend this book unless you need it for a school or something similar. I've been using it for a couple weeks now and dislike various things about it. One reason is that some of the chapter review questions ask you things you haven't even covered yet.

Good book for training.

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