



COMPRESSED AIR & GAS INSTITUTE
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PUBLICATION GUIDE
NON-MEMBER

The Compressed Air and Gas Institute is a non-profit organization of companies which manufacture air and gas compressors, pneumatic machinery and air and gas drying equipment: products which have myriad applications worldwide in construction, manufacturing, mining and the process and natural gas industries.

As a service to its members and others interested in the industry, the Institute routinely publishes and maintains copies of publications of interest. Listed here are the titles of all current publications and videos available from the Institute. Many other publications offered by the Institute have been jointly developed with the European Committee of Manufacturers of Compressors, Vacuum Pumps and Pneumatic Tools (PNEUROPE). These joint ventures recognize the international scope of technology and uses of compressed air and gas equipment.

The Compressed Air and Gas Handbook is the authoritative reference source for proper installation, use and maintenance of compressors and pneumatic devices. This hardbound, illustrated volume contains the latest and best engineering information from leading manufacturers. 6th Ed., 2003 (2516)
\$69.00 Qty _____

Air Compressor Selection and Application: 1/4 HP through 30 HP is a publication illustrated with photos and charts detailing the types of compressors available, their intended applications and selection criteria for a variety of industries. 5th Ed., 2002, (2545)
\$10.00 Qty _____

Rotary Air Compressor Selection Guide presents the complete range of rotary air compressors, all of which employ positive displacement and rotary motion. Illustrated with photos, schematics and cutaway drawings, this publication also discusses capacity controls, compressor accessories, examples of applications and a comprehensive glossary of terms. 2nd Ed., 1997 (2546)
\$10.00 Qty _____

Compressed Air and Gas Drying is a 16-page publication with technical illustrations supporting the explanations and need for air and gas drying. Included is a step-by-step-dryer specifying guide with appropriate technical appendices. 2nd Ed., 2001 (2917)
\$15.00 Qty _____

Compressed Air Systems Wall Chart presents in colorfully illustrated 54" X 46" format the compression and operating principles of the most common types of compressors and examples of applications. (3045)
\$29.95 Qty _____

CAGI B19.1, Safety Standard for Compressor Systems *Supersedes ASME B19.1-1995*) This Standard classifies and makes available general information on practices, specific requirements, and recommendations covering safety for air compressors, their drives, and auxiliaries. 2010 (3075)
\$50.00 Qty _____

CAGI B186.1, Safety Code for Portable Air Tools This code promotes the safe design, and use of air tools by prescribing safety requirements to guard against injury to workers, by providing guidance to tool manufacturers, owners, employers, supervisors, and others concerned with, or responsible for, worker safety, and by assisting in the promulgation of appropriate safety directives and safety training programs. 2009 (2528)
\$100.00 Qty _____

CAGI/HACA 100: Safety and Performance Standards for Home Air Compressors provides a defined uniform method for checking safety and measuring performance of small air compressors. 1st Ed., 1998 (2804)
\$25.00 Qty _____

CAGI / BL 100-2004 Mechanical Vibration – Evaluation of Machine Vibration by Measurements on Non Rotating Parts – Rotary Positive Displacement and Centrifugal Blowers

This standard defines the basis for specifying the rules to be employed in evaluating the mechanical vibration of machines in the operating range of 600 to 30,000 rpm in such a way that comparison is possible with similar measurements obtained from other like machines. 1st Ed., 2004 (3030)

\$30.00 Qty _____

Performance Under Pressure is a fast-moving 16-minute color animated video explaining the role of compressed air and gas in a variety of applications from residential to industrial. (2534)

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Compressed Air: Industry's Fourth Utility is a 13-minute color animated video that contains a broad overview of air compression, distribution and treatment. The video calls attention to key considerations in designing and specifying a compressed air system, including compressor selection, distribution considerations, air dryers and filters. (2535)

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Principles of Air Compression is a 14-minute video which examines in layman's language the theory and principles involved in the compression of air. It shows how both positive displacement and dynamic type compressors operate and introduces the audience to key terms such as PSIG, SCFM, relative humidity and dew point. (2540)

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How to Select an Air Compressor is an 18 minute video that focuses beyond the compressor and encourages buyers to look at their complete air system. The video provides answers to some key questions that should be considered before making a compressor purchase. The video is accompanied by datasheets that provide a standardized format for manufacturers to use to provide basic information about compressor and dryer performance and efficiency. (2863) (2864)

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Air Treatment is a 17 minute video that provides an excellent overview of compressed air treatment. It introduces the viewer to the different ISO air quality classes. The video is divided into 3 major sections: **Cooling, Drying and Cleaning**. Descriptions of the components and equipment used to treat the air are provided. (2950)

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Instructional Videos on CD-ROM contains the four videos: *How to Select an Air Compressor*; *Performance Under Pressure*; *Compressed Air: Industry's Fourth Utility*; and *Principles of Air Compression*. (2906) (2864)

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