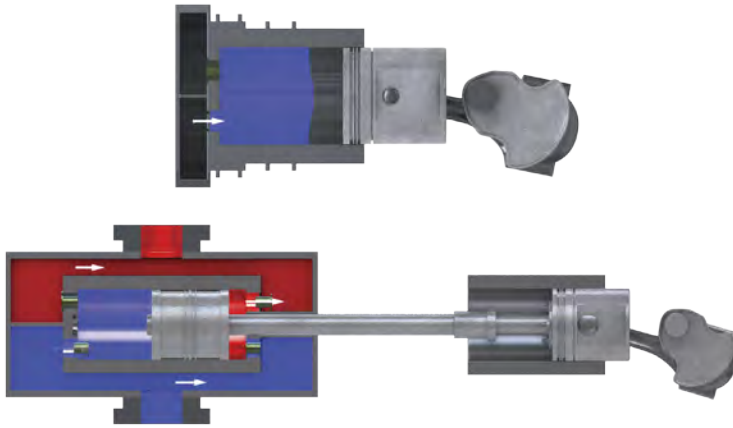


COMPRESSOR FUNDAMENTALS: POSITIVE DISPLACEMENT

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

This course is an informative entry-level introduction to positive displacement compressors for learners in the compressor industry and other interested individuals. In this course, learners are provided with an introduction on the basics of compressors, including types of compressors, common characteristics, and a discussion on single-stage vs. multi-stage compressors. The course then focuses on the types of positive displacement reciprocating compressors and positive displacement rotary compressors, reviewing the compression process, applications, specifications, and advantages and limitations of each compressor type.

Credit Hours **2.5**

Learning Objectives

- Understand what a compressor is and how it functions.
- Recognize the differences between positive displacement and dynamic compressors.
- Distinguish between reciprocating and rotary compressors.
- Identify each compressor and recognize its applications and specifications.
- Understand the advantages and limitations of each compressor type.

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- Types of Compressors
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 - o Dynamic Compression
- Common Characteristics
- Single-Stage vs. Multi-Stage Compressors

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- Piston Compressors
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- o Piston Compressor Applications
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III. Rotary Compressors

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- Vane compressors
 - o Process, Oil Usage, Applications, & Specifications
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