

# Semi-Hermetic Compressor Cutaway



Model: 373-120

DAC Worldwide's Semi-Hermetic Compressor Cutaway (373-120) is an expertly-sectioned example of a common intermediate (1"-1 ½") horsepower semi-hermetic refrigeration compressor that facilitates and supports practical training in compressor design, operating principles, and maintenance. A full longitudinal cutaway allows for full visibility of the compressor's operating components, including multiple cylinders, valves, internal motor, and crank shaft.

Cutaway surfaces are enhanced through painting, making the geometry of all components more clear. Multiple cutaways unveil all internal components, which enhances classroom training in HVAC system design, maintenance, troubleshooting, and preventive/predictive maintenance. The full-size, fully-detailed example gives learners a first-hand view into a component that is found in various applications worldwide.

Thanks to carefully planned sectioning, the complete internal configuration of this compressor can be seen, while allowing for disassembly for more complete inspection and convenient classroom training in the operation, construction, and maintenance of these common pieces of HVAC equipment. This professionally-crafted, yet-economical component sample will enhance HVAC training activities in both the industrial and the educational setting.

## **Enhance Training with Hands-On Cutaway Industrial Components**

This Semi-Hermetic Compressor Cutaway provides a full cutaway view of the compressor body that exposes the complete internal components, and operating principles. Economically mounted on a formed-steel and powder-coated baseplate assembly, the product can be mounted on a variety of related optional display, storage and workstation products.

The cutaway features carefully-planned cutaway areas that are individually mounted, and possess the ability to be removed from the baseplate for convenient classroom use. All of the cutaway's components are also visible and have been retained, enhancing students' visual learning. This handcrafted teaching device will support instructor-led training and independent student self-discovery in a variety of vocational and academic fluid power programs.

The equipment used within the cutaway is cleaned, primed and painted using a high-endurance urethane coating, providing durability to stand up to frequent use. In addition, all of the component parts are color coded to enhance

the learning process.

## **Expand Training with Additional HVAC Model Options**

The Semi-Hermetic Compressor Cutaway is only one of DAC Worldwide's expansive HVAC training cutaways, which includes a Hermetic Scroll Refrigeration Compressor Cutaway (373-130), an Open Drive Refrigeration Compressor Cutaway (373-140), an ACR Solenoid Valve Cutaway (373-502), and more!

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### **FEATURES & SPECIFICATIONS**

- 10-Gauge formed-steel powder-coated baseplate
- Provision for mounting on DAC storage, display, bench, and workstation products
- Sectioning of a intermediate HP, multiple-cylinder, semi-hermetic refrigeration compressor, including both exterior casings, and compressor castings
- Precision-painting of cutaway surfaces increasing definition and 3-dimensionality
- Crating for shipment via motor freight

### **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
13.5in x 24in x 12in (343 x 610 x 305 mm)
- **Shipping Dimensions**  
(L x W x H)  
15in x 28in x 24in (381 x 711x 609 mm)

### **OPTIONS**

- [902F - Electromechanical Industrial Workstation](#)

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