

# Hermetic Compressor Cutaway



Model: 373-110

DAC Worldwide's Hermetic Compressor Cutaway (373-110) is an expertly-sectioned example of a common fractional-horsepower refrigeration compressor, which facilitates and supports practical training in compressor design, operating principles, and maintenance. Both the steel shell and the compressor itself are cut away, allowing for full visibility of the compressor's operating components.

A full cutaway view of the valve body and seat area exposes the compressor's complete internal design. 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. 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 Hermetic Compressor Cutaway provides a full cutaway view of the compressor that exposes the complete internal components and operating principles. Mounted economically on a formed-steel and powder-coated modular display panel, this sample panel can also be mounted on a variety of optional benchtop display fixtures and storage structures.

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 carefully-crafted teaching aid will support instructor-led training and independent student self-discovery in a variety of vocational and academic air conditioning and refrigeration 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 Hermetic Compressor Cutaway is only one of DAC Worldwide's expansive HVAC training cutaways, which includes an ACR Steel Ball Valve Cutaway (373-501), an ACR Solenoid Valve Cutaway (373-502), an ACR Packless Diaphragm Line Valve Cutaway (373-503), a Heat Pump Reversing Valve Cutaway (373-505), 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 fractional HP, single-cylinder, hermetic refrigeration compressor, including both exterior casing, and compressor casting
- 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)  
12in x 13.75in x 9.25in (304 x 349 x 234 mm)  
29.5 lbs (13 kg)
- **Shipping Dimensions**  
(L x W x H)  
21in x 15in x 13in (534 x 381 x 330 mm)  
49 lbs (22 kg)

### **OPTIONS**

- Recommended 373-002 Tabletop Support Frame
- 902 - Electromechanical Workstation
- 903 - Electromechanical Workstation, Extended

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