

# Hermetic Scroll Refrigeration Compressor Cutaway



Model: 373-130

DAC Worldwide's Hermetic Scroll Refrigeration Compressor Cutaway (373-130) is an expertly-sectioned example of a common fractional-horsepower scroll-type 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.

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. This professionally-crafted, yet-economical component sample will enhance HVAC training activities in both the industrial and the educational setting.

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. The full-size, fully-detailed example gives learners a first-hand view into a component that is found in various applications worldwide.

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

This Hermetic Scroll Refrigeration 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 Hermetic Scroll Refrigeration Compressor Cutaway is only one of DAC Worldwide's expansive HVAC training

cutaways, which includes a Semi-Hermetic Compressor Cutaway (373-120), an Open Drive Refrigeration Compressor Cutaway (373-140), an ACR Steel Ball Valve Cutaway (373-501), 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)  
24in x 14in x 25in (609 x 355 x 635 mm)
- **Shipping Dimensions**  
(L x W x H)  
26in x 16in x 27in (660 x 406 x 686 mm)

## **OPTIONS**

- Recommended #902F - Electromechanical Workstation

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