

Compressor Service King Valve Cutaway



Model: 373-195

DAC Worldwide's Compressor Service King Valve Cutaway (373-195) is a professionally-crafted, sectioned example of a commonly-encountered compressor service (King) valve used in air conditioning and refrigeration systems on compressors for maintenance and testing purposes. Commonly found on air compressors of various designs, the device can be used to remove refrigerant due to overcharging, refrigerant addition, as well as in compressor pressure measurement and testing.

A full cutaway view of the valve body exposes the complete internal design characteristics, flow path, valve stem, compressor connection, backseat, front-seat, packing and gauge port, while retaining its operational characteristics. 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 Compressor Service King Valve 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 modular display panel, this sample panel can 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 Compressor Service King Valve 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 Steel Ball Valve Cutaway (373-501), and more!

FEATURES & SPECIFICATIONS

- Full sectioning of a new name-brand brass compressor service valve (Popular models by well-known manufacturers are chosen for industrial/commercial relevancy.)
- 13-gauge formed-steel powder-coated mounting panel with provision for convenient mounting on related optional display and storage products
- Customized support stand-off and support straps
- Carefully-planned sectioning exposes all primary features including: stem, seats, gauge port, line connections, and complete flow path
- Packaging for shipment via mail service, parcel service, or courier

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
10.5" x 9" x 4.5" (265 x 225 x 115 mm)
- **Shipping Dimensions**
(L x W x H)
12" x 12" x 12" (300 x 300 x 300mm)

OPTIONS

- Recommended #373-002 Tabletop Support Frame Assembly

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