

# ACR Packless Diaphragm Line Valve Cutaway



Model: 373-503

DAC Worldwide's ACR Packless Diaphragm Line Valve Cutaway (373-503) is a professionally-crafted, sectioned example of a commonly-encountered packless diaphragm valve used in air conditioning and refrigeration systems as a maintenance-related block valve, or system flow control valve. Often used for positive isolation of air conditioning suction, discharge and liquid lines during maintenance and repair activities, as well as being used for charging and purging, these dependable multi-turn globe-type valves are regularly encountered.

A full cutaway view of the valve body and seat area exposes the complete internal design, including stem, seat, spring, back-seat and diaphragm. 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 ACR Packless Diaphragm Line Valve Cutaway provides a full cutaway view of the diaphragm line valve 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.

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. 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.

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

The ACR Packless Diaphragm Line Valve 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), a Heat Pump Reversing Valve (373-505), and more!

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### **FEATURES & SPECIFICATIONS**

- Full sectioning of a new name-brand brass packless diaphragm valve (popular models by well-known manufacturers are chosen for industrial/commercial relevance)
- 13-gauge formed-steel powder-coated mounting panel with provision for convenient mounting on related optional display and storage products
- Customized component support saddles and support straps
- Carefully-planned sectioning exposes all primary features including: stem, seat, backseat, spring, diaphragm 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 115mm)  
2.5 lbs. (1.2 kg)
- **Shipping Dimensions**  
(L x W x H)  
12" x 12" x 12" (300 x 300 x 300mm)  
4 lbs (1.8 kg)

### **OPTIONS**

- Recommended #373-002 Tabletop Support Frame Assembly

#### **Address**

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