

ACR Magnetic Check Valve Cutaway



Model: 373-510

DAC Worldwide's ACR Magnetic Check Valve Cutaway (373-510) is a professionally-crafted, sectioned example of a commonly-encountered magnetic check valve. Magnetic check valves are often used in air conditioning and refrigeration systems on compressor discharge lines, preventing condensate back-flow during off-cycle, as well as in several other equipment applications. Hermetically-sealed and permanently installed, these devices perform more dependably than mechanical check valves and can be installed in any orientation.

This economically sectioned example showcases the device's operating principle, internal components, and related installation concerns. Color coding, flow arrows, and numbered call-outs combine to make the device more informative to the inquiring student and more useful to the instructor.

A full cutaway view of the valve body and seat area exposes the 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 any training activity relating to commercial and industrial air conditioning and refrigeration systems.

Enhance Training with Hands-On Cutaway Industrial Components

This ACR Magnetic Check Valve Cutaway provides a full cutaway view of the reversing valve that exposes the complete internal components and operating principles. The device can be used independently using an optional tabletop mounting foot, or combined with similar devices on optional display and storage frame assemblies.

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 ACR Magnetic Check 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), an ACR Packless Diaphragm Line Valve Cutaway (373-503), a Heat Pump Reversing Valve Cutaway (373-505), and more!

FEATURES & SPECIFICATIONS

- 13-gauge formed-steel mounting panel with provision for mounting on optional tabletop supports or larger group display structures
- Sectioning of actual new commercial components (makes and models by well-known manufacturers are chosen for industrial and commercial relevance)
- All primary internal components shown including: stainless straining screen, disc holder, seat, and magnetic disk
- Custom fabricated PVC u-type support saddles and mounting straps
- Laser-cut numbered call-outs, flow arrows, and designators showcasing key component features and flow pattern
- Packaging for shipment via parcel service or courier

PRODUCT DIMENSIONS

- **Product Dimensions**
(LxWxH)
4.5" x 9" x 2.5"(120 x 225 x 75 mm)
1.5 lbs. (.75 kg)
- **Shipping Dimensions**
(LxWxH)
12" x 12" x 12"(300 x 300 x 300 mm)
2.5 lbs. (1.25 kg)

OPTIONS

- Recommended #373-002 Tabletop Support Frame Assembly

Address

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