

ACR Manual Balancing Valve Cutaway



Model: 373-551

DAC Worldwide's ACR Manual Balancing Valve Cutaway (373-551) is a professionally-crafted, sectioned example of a commonly-encountered manual balancing valve. Balancing valves are typically used in air conditioning and refrigeration systems as a method of providing correct flows to heat transfer coils, and achieving correct hydronic balancing, generally. Most often used to throttle flow to terminal devices or branch circuits, it also allows for measuring the resulting flow through two piezometric connections.

A full cutaway view of the valve body and seat area exposes the complete internal design, including a stem, seat, full flow path, and flow measurement channels. 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 component sample will enhance any training activity relating to commercial and industrial air conditioning and refrigeration systems.

Take Training to the Next Level with Hands-On Cutaway Industrial Components

This ACR Manual Balancing Valve Cutaway provides a full cutaway view of a balancing 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. Economically mounted on a 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.

Finally, 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 Manual Balancing Valve Cutaway is only one of DAC Worldwide's expansive HVAC training cutaways, which includes a Heat Pump Reversing Valve Cutaway (373-505), and ACR Magnetic Check Valve Cutaway (373-510), a Condenser Pressure Control Valve Cutaway (KVR) (373-519), a Schrader Service Valve Cutaway (373-529), and more!

FEATURES & SPECIFICATIONS

- Full sectioning of a new name-brand brass manual balancing 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 component support saddles and support straps
- Carefully-planned sectioning exposes all primary features including: stem, seat, and venturi measurement connections
- 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)
2.5 lbs. (1.2 kg)
- **Shipping Dimensions**
(L x W x H)
12" x 12" x 12" (300 x 300 x 300 mm)
4 lbs. (1.8 kg)

OPTIONS

- Recommended 373-002 Tabletop Support Frame
- #373-001 - Tabletop Support Foot

- #373-002E - Tabletop Support Frame Assembly, Extended

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