

# ACR Liquid Line Filter/Drier Cutaway, Bi-Directional



Model: 373-602

DAC Worldwide's ACR Liquid Line Filter/Drier Cutaway, Bi-Directional (373-602) is a carefully-crafted, sectioned example of a commonly-encountered liquid line filter/drier. Liquid line filter/driers are designed to protect refrigeration system components from the negative effects of entrained water, formed acids and debris. These simplistic protective devices act as guardians for expensive system compressors, evaporators, and metering devices. Due to the reversing characteristics of heat pump systems, bi-direction on devices such as this example is required.

This economical, sectioned example showcases the device's operating principle, internal components, and related installation concerns. 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 residential, commercial, and industrial air conditioning and refrigeration systems.

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

This ACR Liquid Line Filter/Drier Cutaway, Bi-Directional provides a full cutaway view of a liquid line filter/drier that exposes the complete internal components and operating principles. 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. 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 combined with a variety of optional benchtop display fixtures and storage structures 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 professionally-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 Liquid Line Filter/Drier Cutaway, Bi-Directional 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), an ACR Liquid Line Filter/Drier Cutaway (373-601), and more!

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## **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 relevancy*)
- All primary internal components shown including: blended desiccant core, leaf spring stabilizer, fiberglass pad filter, and outlet safety screen
- Customized component U-type support saddle and mounting straps
- Precision-painting of cutaway surfaces increasing definition and 3-dimensionality
- 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
- #373-001 - Tabletop Support Foot
- #373-002E - Tabletop Support Frame Assembly, Extended

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