

# ACR Oil Separator Cutaway, Helical-Type



Model: 373-722

DAC Worldwide's ACR Oil Separator Cutaway, Helical-Type (373-722) is professionally-crafted, economical teaching aid which depicts a conventional helical-type centrifugal oil separator commonly used in industrial and commercial refrigeration systems for oil entrapment and compressor crankcase replenishment. Typically located close to a compressor - and above the condenser in the main discharge line in order to separate oil from the discharge line and return it to the compressor crankcase or oil reservoir - it is also commonly found in larger, multi-device systems where long pipe runs are present.

This economical sectioned example unveils the device's complete internal design and operating principles. 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 Oil Separator Cutaway, Helical-Type provides a full cutaway view of a centrifugal oil separator 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 with 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.

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

The ACR Oil Separator Cutaway, Helical-Type is only one of DAC Worldwide's expansive HVAC training cutaways, which includes an 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), a ACR Oil Separator Cutaway, Float-Type (373-721), and more!

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### **FEATURES & SPECIFICATIONS**

- Sectioning of actual commercial oil separator (*makes and models by well-known manufacturers are chosen for industrial and commercial relevancy*)
- Precision-painting of cutaway surfaces increasing definition and 3-dimensionality
- Packaging for shipment via parcel service or courier

### **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
17" x 5" x 5" (430 x 125 x 125 mm)  
13 lbs. (6 kg).
- **Shipping Dimensions**  
(L x W x H)  
12" x 12" x 18" (300 x 300 x 460 mm)  
15 lbs. (7 kg)

### **OPTIONS**

- Recommended 373-002 Tabletop Support Frame
- #373-001 - Tabletop Support Foot
- #373-002E - Tabletop Support Frame Assembly, Extended

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